

Pharmacology Notes, I
pp 1-200

LABORATORY NOTEBOOK



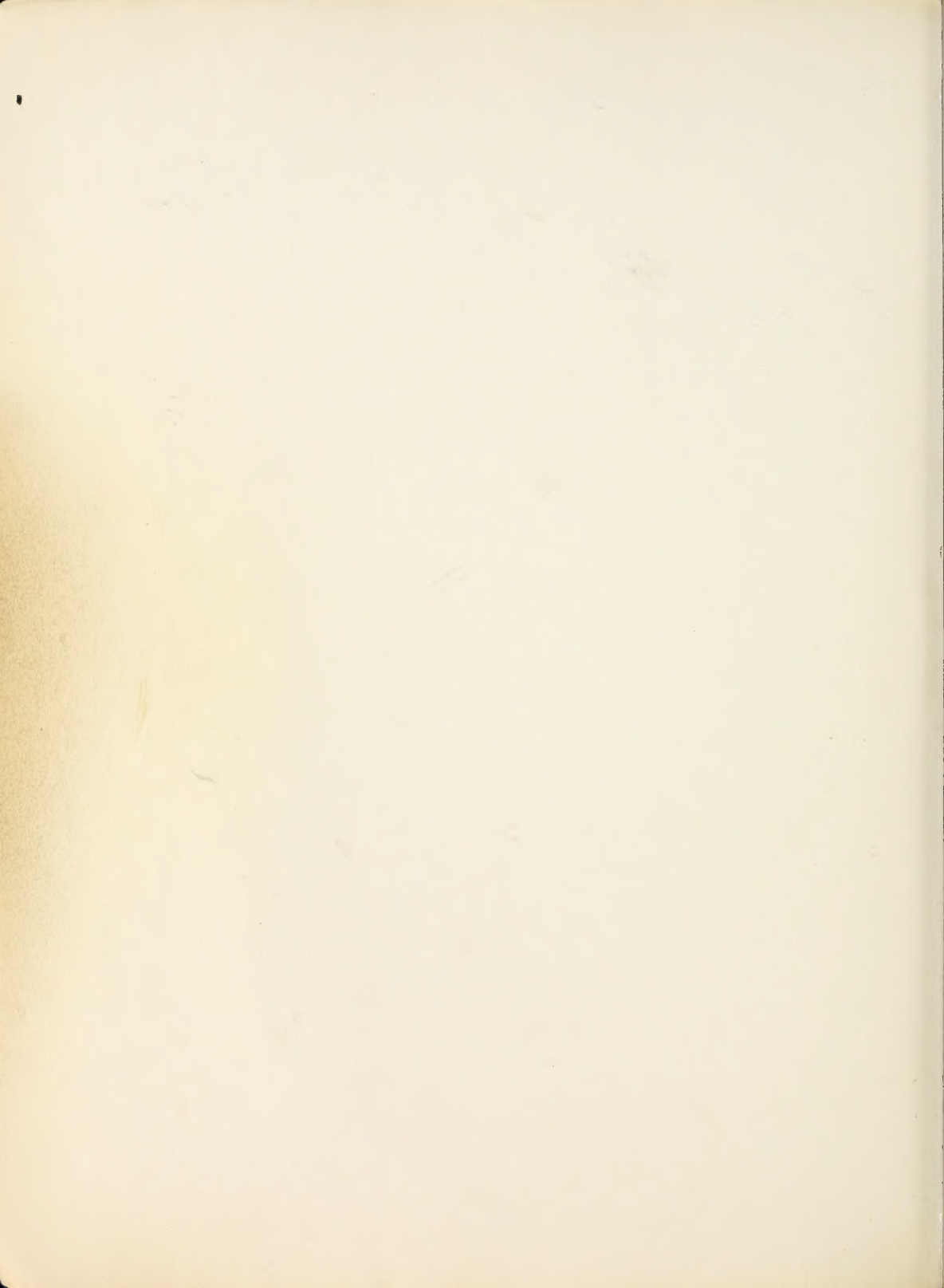


Notebook closed, July, 1979

Notebook copied August 1979

Property of A.T. Shulgini
1483 Shulgini Rd.
Lafayette, Calif. 94549
(415) 934.4930

reward for return



ADDRESSES TO KEEP

K O Z

DEPT. OF ANTHROPOLOGICAL MEDICINE
ESCUELA DE MEDICINA
UNIV. OF CHILE
SANTIAGO

INSTITUTE OF PERSONALITY ASSESSMENT
AND RESEARCHES.
2240 PIEDMONT AVE
BERKELEY.

GLADYS
1044 SILVER PLACE
BERKELEY 5 CALIF.

B V

INSTITUTE OF SOCIAL & PERSONAL RELATIONS.
2903 TELEGRAPH AVE.
BERKELEY

215 VALLEY VIEW DRIVE
PETALUMA

IRVING

INSTITUTE OF MEDICAL SCIENCES.
EYE RESEARCH INSTITUTE
2200 Webster. SF

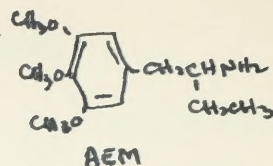
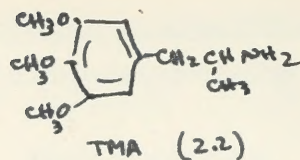
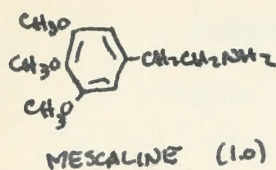
Dept. of MENTAL HYGIENE
3330 Geary Blvd. SF

INSTRUCTIONS

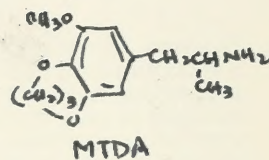
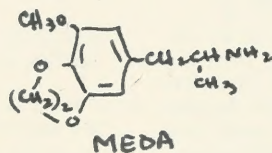
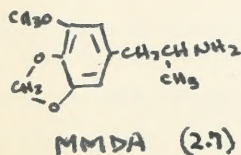
1. To secure adequate patent rights is an important purpose of this book. Only properly kept records will assure The Dow Chemical Company of such protection. When starting a project or experiment, write in precise language your purpose and general plan of procedure. Record your work as you progress, giving sufficient details. Handwrite directly in the book. Do not make notes on loose paper to be copied later.
2. All entries should be in permanent, black ink. Do not use pencil.
3. The subject or title of the experiment and the book number should be accurately recorded at the top of each page. The date should be recorded at the beginning of each day's work. Note all absences such as trips, vacation, illness, etc.
4. The various acts or experiments completing one or more projects may be recorded exactly chronologically, thus possibly mixing references to one subject with those to another, or space may be reserved for the complete recording of one experiment in one place over several days, as you prefer. If the latter course is adopted, indicate at the start of the next experiment how many pages were reserved for the one before it. Give a complete accurate account of what you did and what resulted. Enter all results good or bad. In case of error draw a line through the incorrect words. Then continue with the correct wording. Copious descriptions with elaborate details are preferable. Do not use private abbreviations or Company nicknames without frequently defining what they mean. Always keep in mind the necessity of original data to prove any new discoveries. If any portion of a page of more than two lines is left blank when that page is finally completed, draw a diagonal line through the space and write your initials and the date on the line. If it is necessary to insert graphs, etc., in the book, attach the insert along one edge only and use the page under it in the usual manner.
5. Names of witnesses who are present during the work should be recorded. Also the names of people with whom the work was discussed or to whom samples were given for analysis or testing. The dates of these acts should be recorded. It is also most desirable to keep a file of other papers relating to your work, e.g., analysis sheets, test request sheets, purchase orders, test results, etc.,. One or more scientifically trained witnesses should read and understand the pages covering each week's work and sign and date your book at least once a week. The witness form provided in the book every twenty pages also should be filled in. The witnesses must not be those who are co-discoverers with you of any of the work recorded.
6. New concepts, new solutions to problems and new ideas, plans or procedures and sketches should be recorded immediately in this book at the time they occur. When they are believed to be patentably important or when experiments show results of possible patentable importance, they should be disclosed to and understood by your co-workers. The best possible proof of your discovery is to have someone who is scientifically trained repeat the work and record it in his own book. Whenever possible, have one of your co-workers repeat your work and note this fact in your book. In particular, when an experiment shows results of possible patentable importance and especially when no witnesses were present, have someone else repeat the experiment as promptly as possible.
7. This notebook and all information recorded therein are the exclusive property of the Company. All contents are strictly confidential. You must take every precaution to safeguard this book against loss or damage by fire, water, etc.

Common Names and Potency in mescaline units ()

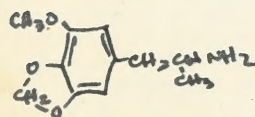
Homologs:



Cyclics:

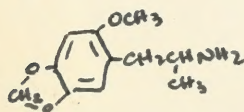
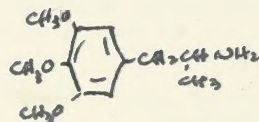


Isomers:



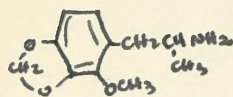
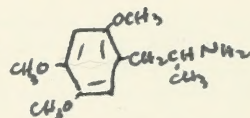
MDMA (2.7)

TMA (2.2)



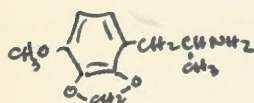
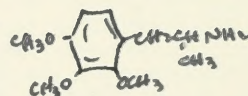
MDMA-2

TMA-2

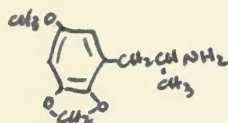


MDMA-3a

TMA-3

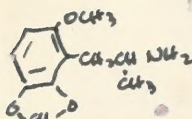
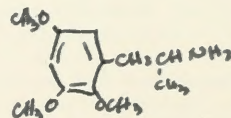


MDMA-3b



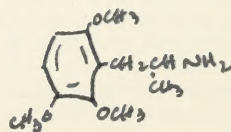
MDMA-4

TMA-4



MDMA-5

TMA-5



TMA-6

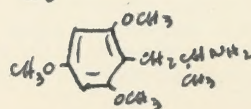


TABLE OF CONTENTS

PAGE No.

MESCALINE	SUBJECTIVE RESPONSE BASIS FOR M.U. CALCULATION	⑦ 1-7 7
TMA	SUB-ACUTE EVALUATION OBJECTIVE RESPONSES SUBJECTIVE RESPONSE	8 9 227, 13
AEM	SUB-ACUTE EVALUATION	20
MMDA	SUB-ACUTE EVALUATION. SUBJECTIVE RESPONSES OBJECTIVE RESPONSES.	21, 104 22 23, 24, 28 90, 91, 105 113, 114, 116 117, 118, 119-20 121, 122, 123
MEDA	SUBACUTE EVALUATION	35
MTDA	SUBACUTE EVALUATION	36
MDA (Methylenedioxy Amphetamine)	SUBACUTE EVALUATION + SUBJECTIVE + OBJECTIVE	37, 123 202, 203 ~~234~~ 246
NACM (N-Acetyl Mescaline)	SUBACUTE EVALUATION	38

halo - 2,4,5

halo - 3,4,5

4-Br - 152, 226

4-Br 197

4-Cl - 162

4-Br isomers - 171

4-Br (2-carbon) - 172, 204, 211

4-I - 173

4-I (4-carbon) - 174

4-I (2-carbon) - 179

DUMDA-2 - 140

ALKOXY - 3,4,5

4-OPr. 209 (2 carbon)

4-OEt 217 (2 carbon)

4-OC₂H₅ 48 (3 carbon)

4-OC₂H₅F 145 (3 carbon)

4-OEt 222 (3 carbon)

4-OBu (2 carbon)

MAM - 87

MBM - 86

MPM - 82 - 257

≡ MMM (TMA-2) (page 54, 55, 64)

EMM (see S-1502) (page 60)

MME - 77

EME

MEM - 78, 80, 112, 151, 229, 260

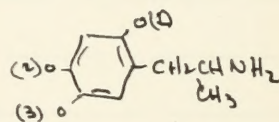
EEM

MEE - 79

EEE

3-way study

151, 185, 224



ALEPH FAMILY.

#2 S-Et - 194-205-220

#4 S-isopropyl 219

#6 S-Ph 221

#7 S-propyl 223

META-DOT

ORTHO-DOT

← PARA-DOT

hor. oxy 4-TMA 2

4-DOM

84
212
216

88, 92, 101, 102-103 106 (ortho isomers, 165)
(2-carbon, 175) (273)

4-DOE → 95; 110, 111, 213 (2-carbon, 236)

4-DOP - 115; 124; 132

4-DOBU 167

4-DOTB → 100

4-DOAM 170

N-methoxy
MDA 248

N-methoxy
ethyl MDA 250

206 N-Ethyl-MDA MDE

237 MDIP

244 MDDM

245 methoxyethyl
MDA

IRIS

TABLE OF CONTENTS		PAGE No.
DMDA	SUBACUTE EVALUATION	39
	SUBJECTIVE RESPONSES	40, 41
DMDA-2 (2,3-Dimethoxy-4,5-methylenedioxy Amphetamine)		140
S-1495	SUBACUTE EVALUATION	44
	SUBJECTIVE RESPONSES	47
	STEREO-ASSIGNMENTS	46
S-1496	SUBACUTE EVALUATION	45
4-THIO-MMDA-2		240
4-THIO MESCALINE		239
LSD		269 214, 24
TMA-2	SUBACUTE EVALUATION	54
ETHANOL p. 157	SUBJECTIVE RESPONSES	55, 64
N-METHYL-4-BROMO-2,5-DMA. p. 208		108, 151, 183, 22
HYDROXY-DOP		198
TMA-3	SUBACUTE EVALUATION	85
5-SCH ₃ -2,4-DIMETHOXYAMPHETAMINE		182
2-SCH ₃ -4,5-DIMETHOXYAMPHETAMINE		181
4-SCH ₃ -2,5-DIMETHOXYAMPHETAMINE		178, 200
TMA-4	SUBACUTE EVALUATION	61
Z-7		166-190
GANESA		234 183
N-Methyl-MDA (MDMA) other N-me's of G. and Lism 186	R 230 235, 241 S 231 232, 210	242, 243 186, 20
5-ETHOXY-2-METHOXY-4-METHYLAMPHETAMINE		180
~~UNRECOGNIZED SUBSTANCE~~		~~180~~

SATURATION EXPERIMENTS

MEM - MDMA 233

Meth - MDMA 234

WINDOW EXPLOITATION.

247, 249, 256

(F-310) S-DOM →

MMDA 2-1 (2-Methoxy 4,5-Methylenedioxy Phenethylamine) 75

MMDA 2+1 1-(2-methoxy-4,5-Methylenedioxyphenyl)-2 aminobutane 76

MMDA 3a-1 (2, methoxy 3,4-Methylenedioxy Phenethyl amine) 73

MMDA 3a+1 1-(2 Methoxy-3,4-Methylenedioxyphenyl)-2 aminobutane 74

4BR →

TABLE OF CONTENTS		PAGE No.
TMA-5	SUBACUTE EVALUATION	97
5-Methyl-2,4-dimethoxyamphetamine		169
6-HYDROXY-3,4-DIMETHOXYPHENETHANOLAMINE		168
2,6-DIMETHOXY-4-METHYLAMPHETAMINE (2-7)		166, 190
TMA-6	SUBACUTE EVALUATION	93
N-Me DOM p-164	SUBJECTIVE RESPONSES	253, 188 150, 98,
F-2,2		163
4-CE (PCL)		162
MMDA-2	SUBACUTE EVALUATION	49, (215)
2(-)-TMA-2 p-161	SUBJECTIVE RESPONSES	50, 51, 83
2(+)-TMA-2 p-160		109, 215
ARIADNE		159-192 193
MMDA-3a	SUBACUTE EVALUATION	281 Subacute 62 red line 66, 5
TMT	~~SUBACUTE EVALUATION~~	~~153~~ 153
4-CE PEA		157
2-M		150
MMDA-3b	SUBACUTE EVALUATION	150
DME		155
ARMALINE	7 (methoxybaramalane) -	153, 225
MMDA-4	SUBACUTE EVALUATION	
4BR		226 152
β-OH-MDA MDE		149
Benbarine		148
Hystrodine + a multitude of nms ***		147
Methoxy Eugenol		138

Carbolines.

146 ←

147 ←

Tetrahydro
harmane → 128

Harmanine → 153, 225

"Tetrahydro
harman" → 128

DMA

EMM

α -methyl tryptamines.

Other tryptamines (~~N,N~~-R) (α -hydrogen)

α -methyl ~~135~~ 135

5-OCH₃ DIPT 176, 191, 218

α -methyl-5-methoxy 184

DIPT 177

196

DMT 137

252

PSILOCYBIN 187

N-t-butyl 191

N,N-Me, Et 191

N,N-Me, IsoPropyl 191

5-OCH₃ DMT 195, 194

4-Hydroxy-N,N-dialkyl T. 191

more from others ~ 191

TABLE OF CONTENTS

PAGE No.

MMDA - S	SUBACUTE EVALUATION	166
6-METHOXYHARMALAN		146
6-METHOXYTETRAHYDROHARMAN		147
4-FLUOROBENZYLOXYDIMETHOXY AMPHETAMINE		145
BENZYLOXYDIMETHOXY AMPHETAMINE; SUBACUTE EVALUATION		48
2,4-DMA (2,4-DIMETHOXYAMPHETAMINE)		144
DMA (3,4-DMA) (3,4-DIMETHOXYAMPHETAMINE)		143
2,5-DMA (2,5-DIMETHOXY AMPHETAMINE)	SUBACUTE EVALUATION	57
→	SUBJECTIVE RESPONSE	58
N-Me Mescaline		142
N-Me TMA-2	SUBACUTE EVALUATION	59
MA. ~~1-Methyl~~ Methoxyamphetamine		141
Peanut Cocktail		139
S-1502 (2-ETHOXY-4,5-DIMETHOXY AMPHETAMINE)	SUBACUTE EVALUATION	60
K DMT. Dimethyltryptamine		137
Ibogaine.		136
S. DIVINORUM	SUBACUTE EVALUATION	63, 96
2,5-DIMETHOXY-4-METHYLPHENYLETHYL AMINE (DOM - 2 carbon)		94
α -Methyl Tryptamine.		135
Searches, SAR - as of the moment. 6/17/63 →		72
3,4-DIMETHOXYPHENETHYLAMINE		107
2,3,4,5-TETRAMETHOXYAMPHETAMINE		125
Lofthophrine (3-methoxy-4,5-methylenedioxyphenylethylamine)		127-228
Tetrahydroharmine		128
Dextro-amphetamine.		133
DL. N-Methylamphetamine. also D-N-methylamphetamine		134

x
x
x.

Subjective response to Mescaline.

4/16/60

Date 4/16/60 Subject Mrs. Observer. Alfred.

DOSE 0.450 g. mescaline sulfate in water - preceded by 0.050 g. morphine one hour earlier. Slight bitter taste - not unpleasant.

CHRONOLOGY After 0.5 hrs. definite intoxication - 0.7 hrs first nausea successfully combated - at 1.3 hrs end of nausea - comfortable - slight speech difficulty - 1.5 hrs. first signs of movement and color distortion - 3.0 hrs. drug effect at maximum and remains there until 4.0 to 5.0 hrs. At 6.0 hrs. first noticeable signs of clarity from drug effects - at 8.0 hrs. only slight symptoms remain - essentially normal. Next day (24 hrs.) still occasional color intensifications but these are very difficult to objectively distinguish from normal responses.

HALLUCINATIONS Eyes open: - was within the strict definition of a hallucination being a synthetic illusion or vision generated without recourse to real or tangible stimuli. There was certainly visual distortion, etc.

Eyes closed: - world of motion and color - generation of ex-entrally swirling clouds in intense color usually containing from darker shades of blue and purple through green or red-green to lighter shades of pinks and reds. Also geometrical patterns, either in the form of colored wedges of light (usually passing from left to right) or in rectangularly symmetrical shapes, often with erotic suggestions. Plastic stimulation did not seem to be helpful. Towards the end of the drug's effect, occasional fields of color were noticeable, without appreciable motion or meaning.

4/18/60

VISUAL DISTORTION

Distortions are noticeable after the first 1 1/2 hrs. to about 5.0 hrs. v.i.

→ DEPTH PERCEPTION Distances between objects are incorrectly judged. On riding as a passenger in a car, the illusion that the buildings along-side the street, and the sidewalks, are crowding down on top of you, is remarkable. One tends to lean away from objects on either side, so as to try to compress yourself into a narrow space out of harm's way. Errors in judgement are on the conservative side so that danger is automatically avoided by an overly large margin. On viewing an abstract painting, the depth of paint application becomes apparent (undoubtedly incorrectly) as if each color had been applied on a separate layer of glass, and the entire picture assumes a three dimensional aspect that seems to expose the technique of the artist. There is also a remarkable increase in textural and detail perception. Textures become rich in detail, and one can discern fine structural detail of nearly microscopic materials (apparently accurately, as verified by revisiting and reviewing objects seen). The view of leaves and flowers has been in revealing detail, without effort.

→ MOTION PERCEPTION Very striking. Both inanimate and animate objects (although motionless) may be seen to be in rapid and continuous motion. It seems to be impossible to anticipate which objects will be seen next in motion. People's faces may seem to distort and to crumple into different shapes. A person leaning upon a car will cause the car to be pushed rapidly into the ground. On closer inspection, the car which is rapidly descending into the ground is of course not moving, but

4/18/60

the wheels are rotating in a direction which resists the cars descent. This all seems real, continuous and logical. Watching the leaves of a plant from a distance, when the sun moves so as to fall upon them, they appear to raise themselves continuously towards the sun. As they fall into shade, their upwards motion is replaced with a down wards curling, continuous, as if to knot into a ball. Closer inspection shows that they have, of course, not knotted, but are actively knotting. The concept of continuous motion is not contradictory with the observation that after a prolonged period of observation, they are indeed in essentially the same position, but still knotting.

—→ COLOR PERCEPTION Visual striking. The slightest differences in shade may be (need not be) amplified to extreme contrast. Many subtle ones become easily perceptible in intensity. Saturated colors are often unchanged, but are surrounded with cascades of new colors tumbling over the edges. Intensification in color, rather, the easily observed differences in shades, is a remarkable reward for driving or walking through the country.

—→ TIME PERCEPTION Distorted. Subjective time is lengthened. What seems like a half-hour of contemplation or observation occupies only perhaps five minutes. The radio seems to be lower pitched, and almost casual or indifferent in its content.

—→ INTERPRETATION During the initial phase of intoxication (2-3 hrs) everything seemed to have an humorous interpretation. Peoples ~~the~~ faces are in character; small cars seem to be chasing

4/18/60

larger cars - all the cars coming towards me seemed to have faces. One would seem to look like a duchess, moving in regal pomp - another would be a widowed old man running away from home.

PHYSICAL COORDINATION

There is apparently no great decrease in physical coordination. An attempt was made to drive the car (on a relatively untraveled road, Grizzly Peaks Blvd) which was successful; except for an extreme conservatism and caution. In the case of a challenging situation (approaching car simultaneous with a horse-back rider on the right) the car was brought nearly to a stand-still to permit the insoluble problem resolve. The overall effort was unpleasant, as one was forced to withdraw from the effects of the drug (adrenalin?) and there is also perhaps a 15-20 minute period afterwards required for the effectiveness to again take control. One prefers to observe, not participate in the surrounding world.

One occasion, while descending a rather steep path, I chose to reverse my direction, and executed a turn and climb, on loose and steep dirt, with completely ~~no~~ good ability. It would seem that in the event of necessary action or self-defense - one could and would maintain nearly full coordination.

During the intoxication phase there is some spatial distortion (similar to alcohol). This effect seemed to last well into the recovery stage.

Continued from page 3.

4/18/60

MENTAL COORDINATION.

Here there is a considerable distortion. Philosophical problems seem to admit simple and rather obvious solutions. One does not wish to dwell for long on any one concept, however. It is possible to discuss one's thoughts with the observer, but it seems that the observer is merely tolerating ~~on~~ your ideas, but does not follow your reasoning. It is preferable to consider them quietly. There was observed an extraordinary dissociation of mind and body. One can't look out over the landscape and travel along the line of sight. The body takes care of itself as far as moving is concerned. To swing one's eyes around the horizon makes one giddy, due to the rapid motion. The body seems incidental while the mind is home on the line of sight, but the basic sympathy for it (detached) requires that you do not allow it to come to harm. Self-harm is a real possibility however, through inadvertent walking into hazardous areas. It also is very difficult to concentrate on outside conversation. One's own thoughts and observations are too extreme and important - one tends instead to stare at the speaker - his colors, expressions, details.

MENTAL ATTITUDE

One of the most startling effects of this drug is the extreme sensitivity felt for all small things - a stone, a flower, an insect. I believe that it would be impossible to harm any thing during the effect, and to commit an overt harmful or painful act upon anyone or any thing is beyond one's capabilities. One cannot block a

flower - and even to walk upon a gravel path requires one to pick his footing carefully to avoid hurting or disturbing the stones.

One tends to feel extremely conspicuous in a larger group of people, although according to the observer, one's behavior is quite proper although a little cautious or reserved. As to mental motivation one is content to observe at length, to contemplate nature in detail, and so to be somewhat reclusive, withdrawn, and unsociable.

GENERAL COMMENTS

The overall effect is very pleasant - the desire is strong to repeat the experience on both smaller doses (to perhaps permit one to be alone in safety) and on larger doses. Also to repeat the experience under a variety of external stimuli - with music available for contemplation - at the beach - at night. There is complete recall of all experiences and thoughts, after the drug has been dissipated. The feeling of comfort, introspection, and tranquility that remains afterwards may indeed have an offset deep after the treatment. One feels that this feeling may be prolonged and further enjoyed upon repeated usages. Such a change would be most desirable in many personalities - and may represent a therapeutic value for the drug in cases of anxiety and tension.

SUBJECT

Mescaline -

Here - eventually - basis of M.V. calculation - but for now a tally on M. use.

3/19/67 Boris - 400 mg - nurse - took ^{me} mescaline (1) capsules (1) ^{both} 2 hrs. earlier.
3/19/67. Cindy P.D. 400 mg - color - effective - Both c TGA - ^{both} MDA. g.v.

12/4/76. DAVE, Edward 250 mg each - supplement at [2:30] c 50 mg → 300 mg.
both c introduction of 100 mg MDA on 11/24/76 for window definition. Touch-
stones. Fredo call - no show - Jewel Lake - driving merrily, Dave & I walking
to hill top f. home (near tree) - to c. camp. Drummer - sagger market place
sandwich & icecream in Divark, secure c nurse at [10:00] - later Fredo
suffers to [15:00].

+++ 1/21/77 ATS. 300 mg c 5 mCi ¹⁴C. [0:30 AM] = [0:00] (0:45) no nausea - but 12th effects (1:00) - can
make things more of I with [2:30 - 4:30] intense conversation and teaching session
c U. (live) enhancement of hypnosis - time - saving in non-verbal efforts. At
[7:00] drove home with car - no problems. [9:00] still elated - pring feeling - clean feeling.
Slept without problems at about [12:00]. Some samples collected through 48 hrs

1/28/77 ATS 58 mg 5 mCi ¹⁴C 1:25 PM collect urine samples - n.e.

2/5/77 ATS 20 mg 5 mCi ¹⁴C 11:15 AM collect urine samples - n.e.

2/7/77 ATS 50 mg 12:45 PM. n.e.

3/2/77 ATS 100 mg 1:30 AM [1:00] at kitchen - all afternoon at 100 mg. probably n.e.

3/4/77 ATS 200 mg 2:30 AM [2:30] some awareness of sparkle [4:30] trace of hypnosis
feel in eyes - certainly no more than threshold.

++ 1/18/77 ATS 400 mg + 5 mCi ¹⁴C 11:15 AM. [0:00] (0:45) slept - not elated - n.e. (1:00) no nausea - still
still only the slightest elation (1:30) some what more - no window whatsoever. - to + [3:00] a bit (4:00)
elated to infancy - I & J c elephant trunk - greenish, mounds, deepens (4:15) 3rd stage
out - to Jaws - [10:00] - out - light - enervant - at most ++.

+++ 3/27/77 ATS 400 mg (Furnace Creek - c Dave 300, 500). 2:30 PM. awake on at [1:00] to sand dunes! colors
movement - Daniel movie - at darkness to car - to storehouse - motel + spot - salmon - hold up - home
at [6:00] still elated 100 mg diazepam sleep ok. extraordinarily high mescaline - sensory. to
Egypt & Mexico DAVE to father - ~2 day recovery. all of us ++. long lasting - (heat?) (intention?).

10/18/77 ATS 350 mg (100 - 100) [1:00] AB, BB, CD. [1:00] is a good first - now and then
onset - A.B. (only) c passing nausea. [1:30] wave motion in front. C.D. to ++ =
colors, fire-hose box. Some the wave. Early false decline c A.B. decline real at
[5-7] appetite OK - "if I had it then I will eat it" completely laid-back evening - it
got quite late finally - then home at [14]. good sleep. Settle at a ++.

Sub-acute human in vivo tests - TMA.

4/18/60

4/13/60. Subject: A.B. dose 2 mg TMA. per os 0.023 mg/kg
slight bitter taste - no observable RX through next
8 hrs.

4/18/60 Subject: A.B. dose 20 mg TMA. per os 0.23 mg/kg
slight bitter taste - 1.5 hrs occasional flashes of
mesaline-like color perception (white is intensified)
- distinct pleasure in driving under trees (plastic
stimulation) - no nausea & no pupillary response.

TMA-1

eq.

1.- (A.C.)	120 mg (1.5 mg/kg)	50g LSD
2.- (A.D.)	150 mg (2.5 ")	75-100 "
3.- (A.E.)	[180 mg (2.5 ") + 80 " $\rightarrow$ (3.5 ") (T 230mg)]	100-150
4 - (A.F.)	180 mg (2.8 mg/kg)	100g
5 - (A.G.)	200 mg (2.8 ")	"
6 - (A.H.)	200 mg (3 mg ")	"
7 - (A.I.)	150 mg (2.7 ")	75-100 g
8 - (A.J.)	150 mg (3 mg ")	100-150 g
9 - (A.K.)	180 " (3 ")	"
10 - (A.L.)	180 " (2.8 ")	150 "
11 - (A.M.)	180 " (2.7 ")	150-200 "
12 - (A.N.)	200 " (3 ")	150 "

Remarks - ¹⁾ I did not try to determine threshold
²⁾ Effective dosage $\pm$ 2.7 mg/kg
³⁾ Mesaline-like effect: peak-experiences &
colour effects, illusion

4/25/60.

Date 4/22/60

Subject

Gladys
Hugh
Irving

Observer.

A.T.S.

DOSE

see page 2. no anticholinergic administered.

SUBJECT

Gladys After a short period of nausea lasting from about 0.8 to 1.1 hrs after the administration of the drug, the subject seemed to be in a good mood. There was some tendency to over-appreciate an average joke. Coordination seemed essentially normal - able to work a problem accurately on a slide rule. At about 2 hrs. had to leave the laboratory to talk with a visitor briefly - experienced no impairments in talking with him. At 2 1/2 hrs took a long walk (about a mile) and seemed to lack no coordination or ability to protect himself from traffic. Riding in a car evidenced some claustrophobic and loss of accurate distance estimation. At 3 1/2 hrs found listening to music extremely enjoyable and found he could lose himself completely in it. Would lie on the floor with his head under a blanket. Reported a euphoric association with it (eyes-closed hallucinations) but could talk to the other subjects voluntarily at any time. Made the statement "If I had a little more of this drug, I could have an orgasm to that music". (Strenuous: Rites of Spring). Subsequent Chopin Piano Etudes and Bach Church Organ of music seemed equally pleasurable.

He would become very irritated at the conversation of others if he wished to attend to the music. This vocalized request to "shut up or go into another room if you want to talk" was his only aggressive symptom.

FOLDOUT BLANK

4/28/60

He had very little desire to eat, seemed to have very little mescaline-like color or motion syntheses. Left the subject at 5 hrs, at which time he was definitely withdrawing from the drug's effect. By his report there were essentially no remaining effects at 8 hrs, although he complained (told his wife) that he was in a grouchy and irritable mood the next day.

His general impression was that his dosage was with a "muted effect" equivalent to 200 or 350 mg. of Mescaline but definitely not as much as 400 mg. (i.e. 2-2½ times the potency of Mescaline). When asked if he would like to repeat the experience he seemed indifferent, saying that it was interesting but he preferred Mescaline.

SUBJECT Hugh There was very nearly no nausea response of this subject to his nearly-equal dose of the drug. (Subject is exceptionally sensitive to the emetic effect of Mescaline). At 1½ hrs experimented with the plastic stimulator, generating (eyes-closed) patterns of palm-leaf and branching trees. Became somewhat talkative, fell into a mode of joke-telling (some what poor jokes, which he told very well, however). He seemed a little light-headed, and responded in an unusually out-going manner to questions.

During the 1-mile walk he was quite aware of the mescaline-like perception of detail and commented on his (personal) ability to sit and philosophize upon the behavior of birds (he is a bird-watcher). He felt that he would be able to remember ~~these~~ their behavior because he could correlate it to his own, and thus better

understand it. He was struck with his capacity to observe his own personality objectively, and found the various components of it to be separately analyzable.

At 3½ hrs. (during the music experiment) he became extremely (and annoyingly) talkative. He would discuss the origins of languages, how they are derived from the environmental needs of the people, and that perhaps languages of unknown origins could be traced by correlating basic words or word-stems, and the geographical terrain requirements. And many more such philosophical meanderings.

He would occasionally fall into a deep reverie, from which he would emerge full of conversation, talk for a while intensely - the retreat to his thoughts. There was no impairment of mobility - he would wander around the room. During the music, he lay on the floor and kept his eyes fixed on the ceiling (a tuxedo-textured surface) and found ~~interesting~~ motion in it.

Repeatedly his self-description would return to the fact that his personality was divided and exposed, that he felt he could understand his psychic structure most clearly. He commented that the psychiatric use of the drug would be interesting to persons.

At 5 hrs., accompanied the subject back to his car, and at 5½ hrs. he felt capable of driving to San Francisco. He had no ~~unpleasant~~ aftereffects except for a slight stomach-ache the following day. No grouchy-ness.

His general impression was that the drug was not completely pleasant, as it

Continued from page 9.

4-28-60

allowed him to intimate a view of himself. He would try the drug again only for a specific reason. However, it did reiterate his opinion that it had value in psychiatry.

SUBJECT Irving

There was no nausea experienced after taking the drug. Subject had, initially, with mescaline, moderately severe nausea, which decreased on each subsequent trial. At about 1 1/2 hrs he got quite happy, appreciating the current job better more than it deserved. The 1 mile walk seemed to fatigue him, but there was no apparent physical lack of coordination. Of the three subjects, he seemed to show the least drugged effect. The car ride evoked no unusual comment or action.

While the music was in effect, he chose to quietly lie down and observe the stroboscope, in which he believed, but was not sure, he saw shapes and patterns. He seemed to be more interested in my reaction to his reactions, and did not choose to ignore my presence.

I left him at the 4 hour point, at which time he seemed to be withdrawing from what few symptoms he ever had.

The following day, there was no report of any after-effect, and, his general memory ~~was~~ was of an extremely light effect from the drug. He was indifferent concerning a re-trial of the drug, felt not the little effect it had didn't warrant waiting a day.

9/16/60

Date May 14, 1960 Subject ATO Observer Alfred
GladysDOSE 225 mg TMA-HCl in water (alcohol bitter taste)
0.050 mg Mescaline 1 hr. before

CHRONOLOGY. At 0.8 hrs. moderately severe nausea - can be repressed - fades out at 1.5 hrs. at 1.5 hrs first awareness of mescaline. Like effects build up steadily to 2 1/2 hrs - start of intensive aggression - so laid back down to mescaline effects with only occasional lapses of the intense type feeling - at 2 1/2 hrs. mental effects essentially gone - able to drive a car rationally.

HALLUCINATIONS eyes open none eyes closed mild shapes - quantities and color motion synthesis - much less than with an effective dosage of mescaline.

VISUAL DISTORTIONS In general, very defendant upon the characteristic delayed time. During the bulk of the experiment, some channeling - varying to a muffled or near blindness at the photo-activation extreme of the drug. see below.

→ Depth hallucination: During the short duration of the extreme effect of the drug, the sense of vision seemed to close in. But that thing at a distance were visible but did not register on the conscious mind. One felt something to swing one's hands out and around to keep complete submersion from occurring. This corresponds in time with, and is undoubtedly responsible for part of, the extreme aggressive response discussed below.

9/16/60

- Motion Perception - very slight - some crawling of textured surfaces - similar again to insobolins.
- Color Perception - slight. at nearly the most intense portion (building up to it) hamburgers were ~~being made~~ (no desire what-so-ever to eat)⁰ and the catsup had an intense red, 3 dimensional blood appearance. This was certainly in part a reflexion of the murderous mood that was developing. Withdrew from the area quite voluntarily.
- Time Perception: Time was slowed in proportion to the intensity of the other effects. During the $\sim 1/2$ hr of intense effect, it seemed like many hours.
- Interpretation: Nothing noticeably aware. Auditory interpretation very interesting - free under neutral attitude

PHYSICAL COORDINATION

There is some speech difficulties - but very little patience with these limitations. Slight rubberiness in muscles - attempts at vigorous exertion during the intense effects of the drug were ^{and after} unnecessary, were more tiring than usual. Also - there did not appear to be any exceptional strength. Swung a heavy stick against a tree - the spirit was indubitable but the flesh weak. Minor teeth chattering.

MENTAL COORDINATION

The mind is frantically active; one is very impatient with the inability to speak easily and quickly one's ideas. One is completely aware that the effects are due to the drug, but the effects are real and cannot be ignored. Every word and motion is rapidly evaluated, and remains usually unuttered, due to concentration and time required. Response to a direct question is possible, but the suspicion are present as to the secondary motives behind the question.

MENTAL ATTITUDE

Herein lies the extraordinary effect of the drug. During the early period of the drug effect, after the nausea, I sat in the dormitory and read Bernstein's Song of Martin. To me, every phrase was audible to me, and I found the book exceedingly pleasurable. According to an observer (Alfred) I was suspicious about the music (the song), and insisted that we had no knowledge of knowledge of music theory, or the drug, to appreciate the work. When I insisted that Bernstein had had the drug when he wrote the book (condemnation of him musically?)

At about 2 hrs. I listened to music from the radio. Bachmannoff's 2nd piano concerto was playing (with which I am quite familiar!) I curled up under a blanket in front of the radio (described of a suburban form 83 with

9/16/60

head more or less down between legs. The feelings in this excessively pleasant period are very difficult to describe. I was associated intimately with the structure of the music. With my eyes closed, I was suspended, inert, held by the fine fingers of the music, in a comfortable position, chamber. The vigorous solo & ~~the~~ allegro of the first movement were the words that supported me from overhead. It was beautiful. After what seemed like an eternity, the movement ended, and I rejoined my ~~chair~~, and attempted to describe the impressions. The 2nd movement started, and I recreated under the card table, lost again in the piano concerto.

After the piece, there was a period of commercials, that set me into a very aggressive state (unfortunate in light of subsequent developments). I was irritated with the ~~music~~ ~~assertion~~ of music. The next selection was "Slaughter on 50 Avenue" (most, most, unfortunate). It was from this musical selection that I emerged in the extreme psychological state of violence.

For the next 1/2 hr. (objective) (subjectively it seemed without end) the violence of action seemed to be the only way of life. (N.S.) mentioned that she had seen many people looking down the street with the same intense, determined, if you will, attitude on their faces. A pretty up-demon was murderous; no observer would object to any film that I said or cross ~~all~~ any "decision" of mine.

Continued from p. 13

9/16/60

It was in this period that I was asked by an observer (Gladys) if I could see in it even the same mescaline-like colors and textures that I was familiar with. I recognized the similarities. He then asked if I could hunt the flower. Without hesitation I took the blossom and crushed it in my fist, an act that would be normally most difficult to do, and which under mescaline, would be impossible absolutely impossible to do.

At one point Gladys asked me if I thought that I might do well with a tranquilizer (he subsequently admitted that he was concerned as to the extent of my subjection to the drug) and my response was a veiled threat to push him down the stairs if he tried to "manicure" me. He did not pursue the subject.

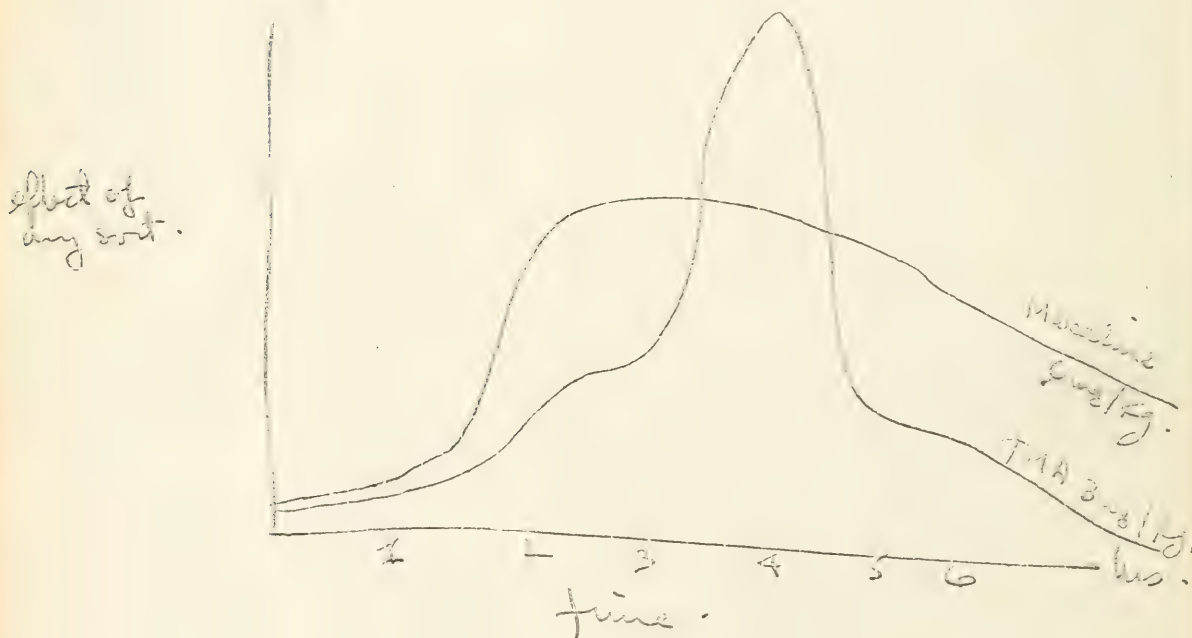
After the intensity of this reaction had subsided, (Gladys) suggested a ride in the car, and my comment was that "it should be safe, there is a great deal of steel to protect people from me." We went into the ~~the~~ eucalyptus grove behind the ~~the~~ ~~the~~ gardens at Cal. It was there that I held strongly a big stick. (D.E.) I picked up a stone, and mentioned that I could, without hesitation, scratch a gouge in his fender. He inquired why I didn't, and I admitted that I recognized that I would, the next day, have to pay for the damages. It was this reality-awareness that stayed my hand. But I could easily see how another person, without this heavily altered social consciousness, could easily

2/16/60

be a vandal. At this point, I had already passed the maximum of the drug, and I could reason in this manner. If I had been confronted with the same situation an hour earlier, I may very well have scraped a nasty gash in his fender.

GENERAL COMMENTS:

This drug - to an extent, approximated mescaline in its effects. Try to compare by a graph:



The idea attempted to be formal is that in almost every comparison, T-1A was similar to mescaline, but comparable to a smaller dosage. BUT; in the middle of this somewhat ~~dis~~ ~~interesting~~ uninteresting.

Continued from page 13

9/16/68 -

exposition there emerged an unexpected effect that was alien to mescaline.

No observer can be objective. I do not know if these effects are the result of the drug -

1) creating an image of an aggressive neurotic in me; and my response can be blamed on an inherent propensity of the drug; or

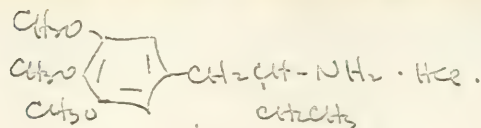
2) the drug released a natural, but repressed, facet of my personality, and with another subject the quality of the response would be completely changed.

These problems can be resolved only with much more extensive experimentation.

DE-TMA has subsequently been employed, primarily under the eye of Hugh, in dose levels of 2.8 to 3.5 mg/kg on five assorted subjects. Without exception there was a thorough response, summarized in the Nature paper - him & Gladys

Sub-acute oral effects - AEM.

3/5/61



all oral.

3/5/61	150 μ g (sub)	(.002 mg/Kg) (oral)	no effect.
3/7/61	1 mg	(.011 mg/Kg)	no effect.
3/31/61	2.4 mg	(0.027 mg/Kg) (11Am)	distinct taste - no effect.
	6.5 mg	(0.73 mg/Kg)	240pm. Bitter pale up to 22 apprehension. no effect.
4/1/61	9.1 mg	(0.1 mg/Kg)	nothing
4/3/61	13.1 mg	(0.15 mg/Kg)	some tremors? - able to concentrate possible muscular effects? no effect.
4/6/61	18.5 mg	(0.21 mg/Kg)	negligible effect.
4/13/61	30.5 mg	(0.35 mg/Kg)	" "
4/20/61	49 mg	(0.56 mg/Kg)	" "
4/26/61	80 mg	(0.91 mg/Kg)	" "
5/10/61	123 mg	(1.4 mg/Kg)	no effect.
5/19/61	178 mg	(2.0 mg/Kg)	no effect

at this level TMA would be really effective - there is no nausea - no real muscular effect - certainly no mental effect. conclusion - AEM less active than TMA.

Subsequently. (~ Dec) took orally 220 mg (~2.5 mg/Kg) - no assignable effect
Unless further evidence comes into play, this is all.

I have read pages _____ to _____ in this notebook and underlines and their contents.
There are no blank pages, except _____
All entries are in _____ handwriting.

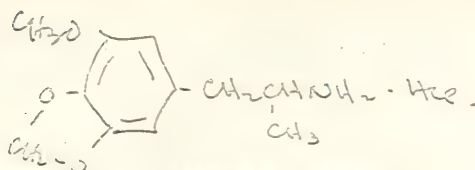
Signed: _____ Date: _____

Signed: _____ Date: _____

THE DOW CHEMICAL COMPANY

Subacute oral effects MMDA.

1/29/62 at mg



MMDA · HCl

$\overline{X}$ - 137.

$C_{11}H_{15}NO_3 \cdot HCl$

MW. 209 + 36.5

at 170 lbs., and as free base

90.5 mg (as · HCl)
= 1 mg / Kg (as f. base)
all oral

date	time	amt	=	
1/29/62	5:40 AM.	0.25 mg	= 0.0025 mg / Kg	6:00 AM - hip & thigh muscle show twinging - but then I laid back yesterday. 6:30 no effect. not hyperaesthetic no effect.
1/29/62	7:00 AM	0.25 mg	= 0.025 mg / Kg.	
1/30/62	6:25 AM	7.1 mg	= 0.078 mg / Kg.	slight twinging moment at 7:10. undoubtedly w. tremor - otherwise no effect.
2/1/62	6:32 AM	12.3 mg	= 0.135 mg / Kg.	no effects.
2/6/62	6:50 AM	20.9 mg		no effects.
2/12/62	6:40 AM.	34.8 mg	0.38 mg / Kg (free base)	no effects.
2/26/62	6:38 AM	55.0 mg	0.6 mg / Kg	as free base. - ~ 8 AM - possible elimination of intake & nausea - felt quite ill - some dilat. - pulse 116. 11 AM - fine.
3/5/62	6:30 AM	76.4 mg	0.85 mg / Kg.	slight effect - see page 22.
8/6/62	6:40 AM (1/2) 6:58 AM (1/2)	94.3 mg	1.04 mg / Kg	distinct effect - see page 22

GLADYS

see page 104 for more subacutes.

add to Dows. ~ 9/62. CC - in 6 — 150-250 mg confirmation of brain waves.

Subjective Response to MDMA-HCl.

3/5/62.

DATE March 5 1962 6:30 AM Subject BKS
Observer A.O., A.P.

DOSE. 76.4 mg (0.85 mg/kg)

Chronology. 0:15 - pulse up into 90-100 area - may be apprehension, but it was up there anyway - there was no dilation of the pupils yet - but a strong urge to abort the experiment anyway. Burning of tongue. 0:25 pulse back down to 80-85 so it undoubtedly was mental. 1:00 no further effects. 1:20 eye dilation (50%) and distinct but occasional urges to nausea - mental. Thinking - wish to vomit and walk up or down stairs, as if purposefully, to ~~be~~ be doing something. 1:30 - 3:00. period of mental muddle, with added occasional periods of stomach queasiness. Attempt to read Chem. Abstracts - cannot maintain concentration - 1st line is unrecallable after 2nd line is read. Keep checking in on Herb - not through apprehension. (there isn't any, now, whatever) - but just to be active. Talk a while to WBS - but cannot think with any acuity. Have sad feeling but previous sentence didn't make any sense. At no point any color, motion, nor sound effects. After 3:30 effect, light as it was, rapidly disappeared, and return of desire to eat was appreciated (no more queasiness). No after effects - normal appetite & sleep in PM.

DATE Aug 6 1962 7: AM Subject BKS obs. A.O.

as free base.

Dose 94.3 mg (~1 mg/kg) took in two chunks 15 min apart, to help circumvent the possible pulse effect. There was no noticeable pulse change. at ~ +40 min - some intox - some nausea - both severe (comfortably) at ~ 1 hr to 1.5 hrs - no vomiting - nausea goes - intox lingers about another 1 1/2 hrs - no noticeable mental muddle this time - at ~ 2 hr. slight synthetic motion in a pile of rags - couldn't identify the rags from a distance. No tactile change - marginal but real effect. Had eaten 1 sandwich 2 3/4 hrs prior to experience.

THE NEW SUBSIDIARY COMPANY
UNIVERSITY OF CALIFORNIA MEDICAL CENTER
SAN FRANCISCO 22, CALIFORNIA

SEARCH AND DEVELOPMENT LABORATORY

29 August 1962

Doctor Sasha Shulgin
Dow Chemical Company
Walnut Creek, Calif.

Dear Sasha:

JAY & myself tried the MMDA on Sunday, 26 of August.
Our log follows: (taken by KAREN up to 11:30)

10:24 100 mg orally

10:55 felt reaction, saw slight green tinge in shadows
of faces. Pupillary dilation CC. No dilation
for W. L., but he felt "layback."

11:05 Volluble, constant movement of hands & feet (as per
usual for me) W. L. experienced the "floats."

11:10 CC felt warmth & muscle "tone" (almost quivering)

11:30 Departed for Marin country with LOU
(originator of (EXVORZ)) Shopped in supermarket at
about 0.8g.

12:30 Arrived at home of MARTY and NANCY (Magnificent
oriental stage in living room.)

1:00 Picnic with no effect on taste. Still .8g, very pleasant

2:00 Experience comparable to 20 MG LSD 25.

2:30 Feeling relaxed, composed

3:00 Back to normal; feeling of having taken amphetamine.

3:30 Returned home; approx. .9g.

4:30 Slight feeling of "green apples" in stomach

9:00 Eyes still dilated; a little restless but slightly tired

11:00 To sleep. Slept well. Awoke refreshed and happy.

forward to you meeting Odessa
Regards
IRVING

REPORT OF SUBJECTIVE

Observations on Psychoactive Effects of Methoxy Methylene Dioxy
Amphetamine

IRVING

11:20 a.m., Saturday, September 1, 1962 - 210 mg. MDMA orally

100 kg → 1.8 mg/kg as free base

MDMA tastes awful. The bitter alkaloid taste is followed by a distinctly chemical laboratory flavor as if from old rubber tubing. This is easily dissipated by a drink of fruit juice and cookies. Nothing seems to happen for about 45 minutes when rather suddenly an anvil seems to lower itself over your head; you feel disoriented, and tend to withdraw from social contact a little. In an hour you feel like wandering off into the hills to be alone. This drug gives less feeling of being ill than mescaline. The effect definitely reaches a climax with a pleasant afterglow following. Apparently there is no profound motor coordination problem. Although I didn't feel too steady, I could run down hill at full speed without falling. Would probably have trouble juggling though.

200 mg. MDMA yields that "Sunday afternoon" feeling of desiring to lie down and enjoy life; a luxurious feeling of "layback."

No enhancement of colors in visual scene (except some greenish tinge in faces) but on closing eyes hallucinations appear to be quite real in 3-D; like watching a movie. First these dreams appear in black and white but later color starts appearing. Chartreuse and magenta first appear, then blue and finally red. First had visions

(Continued on page 2)

by phone - had said "in 30-45 min, anvil over head."

of large numbers on zoning tables, then people. WIA appears to bring dreams to the conscious level; is a link between the sub-conscious and the conscious.

There is a desire to lie down and sunbathe. One must be hot for he perspires profusely lying in the sun but he doesn't feel heat - just a comfortable warm feeling that brings peace with the world. The drug induces a profound relaxation. Visual hallucinations with eyes closed are vivid, colorful, 3D and appear quite real. One tends to be somewhat anti-social or maybe more pro-nature, enjoying the open air, fields and trees more than being in a crowd.

Commentary on late during experience:

"I've never had a drug affect me like this. I'd have sworn it were opium if I didn't know it were illegal. The colors I got were magenta, fuchsia and chartreuse, mainly. Then I began to get some of the reds at about 12:00. Then marvelous visions filled with little translucent spheres of chartreuse, blue, gold, yellow and red, which cascaded down a glass stairway in waves like brightly multicolored marbles. There is a feeling of consciousness yet not really being here in the world. I don't remember the things that happened just a short time ago. Slowly, the whole thing has been building up of floating visions. The big tendency is simply to lie back, not necessarily to go to sleep, but to relax completely out in the sun and just to

enjoy this feeling of luxurious laziness. "I am prone to be prone." I feel just a little bit incoherent, possibly slightly ataxic. Here, I just lie out in the sun; I've never been so completely relaxed by anything before. This is a fine way to sidestep worries and just enjoy life. At times I have feelings of lucidity and contact with the world and I can wander around, up and down the hillside, among the fields and trees with no problems at all. But then a little later I want to get away from people and just lie down with my thoughts and visions. There are no feelings about feelings. The euphoric state comes in waves like a great prolon. of orgasm. When the drug effects start wearing off, one feels what might best be described in the marriage manuals as the "afterglow."

I think 200 mg is an excellent dose. Here I drop in on my sub-conscious without going to sleep altogether. There is a little feeling of depersonalization. Earlier in the day I felt my legs and feet were detached from my body when I nodded my head from side to side; an illusion somewhat akin to the Pulfrich effect causing the lighted end of a cigarette^{to} appear to detach itself from the body of the cigarette when waved in a semi-darkness.

Just now on closing my eyes, I am able to see some very brilliant regal purple velvet encrusted with silver brooches on an ermine white background. The scene changes to a rich golden effulgent light pervading everything when I turn with eyes closed towards the sun. However, on shading the eyes, the whole scene becomes drenched in brilliant blue. A feeling of warmth and gregariousness pervaded me as the drug began to wear off. It was most pleasant to be with

people and to communicate to them the feelings and visions I had recently experienced. Paul lost his memory for names temporarily. Heads cleared around 4:00 p.m.

This drug should sell as a relaxant and euphoriant. The psychoanalysts should be able to make good use of it if in fact it proves to be, as it seemed to me, a conscious link with the subconscious. It seems dreams are experienced while being awake and very real appearing scenes flit by as if in the movies. I have never felt so profoundly relaxed. Felt fine the next day. Slept ten hours and felt relaxed and refreshed on awakening.

(RING) - (this is the only copy)
I have - you said you
could get it duped...
Hope - you like
QUIN

MDA / MINIATURE HIGH

Quin
I believe 2.3 mg/kg

I use the word miniature in the sense that I would describe a piece by the jazz pianist Bud Powell as a miniature.

Comparing a Beethoven piano sonata with Autumn in New York as played by Powell would be analogous to comparing ~~MDA~~ and ~~Mescaline~~. MDA comes through as a miniature high -- everything is there but in lesser quantity and duration.

MDA stops barely short of the Olympian Universe of time-ceasing and organic and inorganic radiance. The immediate part of the high is about two and one half hours in duration. Rather than a cessation of time, as there is with mescaline or psilocybin, there is a kind of timelessness during the first maelislike hour of the high. There is more ~~of a~~ feeling of stupefaction than there is with most highs.

In a car climbing the Berkeley foothills I went into a terrible fear. ~~At the second worst I've had~~. It only lasted a few minutes -- but it did not matter in the timelessness how long the panic lasted, it was eternal. I looked out onto the grassy hillside at the dead silver-brown grass. In the expanse of field I could see each separate blade of grass gleaming ~~with~~ and the

trillions of brown-silver blades blended together into a vast wavering fur. Far below was the panorama of foggy Berkeley and Oakland and the bay. --It all began to loom in timelessness and beauty. --I thought I was going to enter the Olympian Universe. I WAS NOT PREPARED FOR THE OLYMPIAN UNIVERSE! --I had been expecting something like ^{her} marijuana. I realized that if I entered the Olympian that I hadn't yet recovered sufficiently from my last high to hold myself together.

Heat swelled in my genitals and rose to my stomach. --I felt ~~an~~ agonizing ~~and perfect~~ fear. I wanted to ask the others to go back so I could take thorazine. I couldn't talk. The car swerved around a hair-in bend in the road giving me another view of the silverbrown grass-fur and the vast unwanted dearness of the view.

Suddenly I was fighting with 'Captain Zero' -- I mean the whole disordered and eternity-seeking consciousness that is no longer mammalian in nature but belongs to the order of molecules and inert matter! I decided that all I could do was to go with it -- to let Zero take over, but then I was sure that I would not come back. ~~Then~~ I tried to hold back the high but ~~I~~ realized I would do myself damage that way. Then I tried to get on top of the whole high and control it. All in all, I tried perhaps fifteen or twenty ~~unrecalled~~ ^{almost} unrecalled and indescribable means to ~~either~~ control or escape the high.

--^{During} this time I believed that I was going to pieces and I would possibly never be with the human-world again. My insides were going wild and my conscious mind seemed to be the only force holding me together. At one point I managed to ask

perience to end and to return to the renings of daily loves and realities. ~~But~~ I had adjusted enough to make it through the high. My companions closed their eyes and began having brain movies. (Earlier ^{my eyes} ~~my eyes~~ had been forced shut many times by the euphoric hallucinogen pleasure.) Now I held my eyes open not wanting brain movies or visions. When I closed my eyes experimentally I saw only glorious and pleasing blackness.

We talked desultorily and dozelessly and I realized that I was able to see through the eyes of my companions. They were seeing stark reality exactly as I saw it. I wanted to talk to FREDO and find out ~~what he was like~~ ^{what he was like} but I found talking too difficult. My eyes were beginning to close again with exhaustion and pleasure.

When I lit cigarettes I could not find my lips well and they were numbed. Matches kept blowing out in a wind that was not strong enough to blow them out. We wobbled when we walked.

We stayed in the little sand of trees. I sat for a while then got up and sat in another place. Then I got up again & etc.

Except for visual sensation, which was just on the verge of mescaline or psilocybin vision in clarity, I seemed to be sealed from sensation and living in a kind of hyper-lucidity of sense -- a pleasant paradox.

I lay back and closed my eyes and practiced raising the goddess Kundalini (The Serpent Power) from the base chakra through my body. I ~~xxxxxxxxxxxxxxxxxxxx~~ succeeded in raising the power, for the first time, past my shoulders and into my head. I realized, as I did it, that I was not truly raising the Serpent Power but rather cleaning the nerve tubes. However, I achieved

SUBJECT

grayish-clear affective pictures of the chakra nerve centers.
It was a good feeling.

The crystal clear air gave bright green sharpness to the evergreens. Looking at trees of leaves or plants was like a mild mescaline high. Fir trees became living, green, modern sculptures of strange Indian rococo beasts -- as if the sculptor Linschitz worked at their trimming.

The malais-like feeling began to end and the doze-like feeling
with it.

I walked to a redwood cove where other members of the party were sitting. I was struck by the absolute and superb ~~beauty~~ beauty and clarity of the people and the trees and air and the music that played over the portable radio. I felt close to the children and admired their beauty. At this point I realized that I was simply sitting and enjoying a Sunday noon ~~fix~~ in its full pleasantness. Ordinarily I would have been bored with out more to do. The next couple of hours became a pleasant and beautiful picnic. The come-down was abrupt but not unpleasant. ^{near} ^{ready} Time passed with swift rapidity for the rest of the day. Two hour periods would flash by. Late that night I was kept from sleep for half an hour by brain movies -- little crocodiles running across dusty roads through spotlights in the darkness, magic evergreen trees fading into and out of ~~reality~~ reality, and ~~unpleasant~~ ~~unpleasant~~ sequences of brain visions.

SUBJECT

AN OBSCURE FOOTNOTE

A week after taking MDMA I woke in the middle of the night and as I awakened I felt that there would be no reality but only nothingness. I was horrified and threw myself bolt upright in bed and opened my eyes instantaneously.

Shelley says:

Lift not the painted veil which those who live
 Call Life; though unreal shapes be pictured there,
 And ~~they~~ ^{it} but mimic all we would believe
 With colors idly spread; behind, lurk Fear
 And Hope, twin Destinies, who ever weave
 Their shadows, o'er the chasm, sightless and drear. . .

The awakening I had was definitely a reaction to the MDMA. Yesterday I talked with a man who has taken too much lsd. I tried to avoid speaking of hallucinogens but he was insistent. As I described some post-hallucinogen states of extreme anxiety regarding the nature of reality, the man began to writhe in his chair, wring his hands, and ~~lost~~ ^{lost} the ability to speak. ~~However,~~ ^{However,} I have been in that state. While speaking with Ra he identified it as an anxiety state and pointed out that it is not only related to hallucinogens but is a not uncommon anxiety state for those who haven't had drugs.

Ra accounts the state to an arising of ~~an~~ ⁴⁸conscious material to the surface.

that seems fine and true enough -- as good a name for what is happening as any other. What it does not clear up is the intuitions that I have that strengthen and contradict each other. I am aware of two feelings: That the 'material' is of a repressed psychological nature in the Freudian-Reichian sense, and that there is also another order of 'material' confronted. The other order is that of the molecular level of consciousness. I mean a part of ourselves more related to the philosophical ~~xxxxxxxx~~ consciousness of sea urchins and sponges -- who are no more than the tugs of their desires and hungers and the consciousnesses of their motions and withdrawals -- who are an actual conscious part of the physical universe and the actual being of their pronouncement in the 'Surge of Life.' It would be interesting if what we so surely call the ~~Subconscious~~ or 'Unconscious' were in reality two or more vastly divided parts of our being that are both commonly inaccessible.

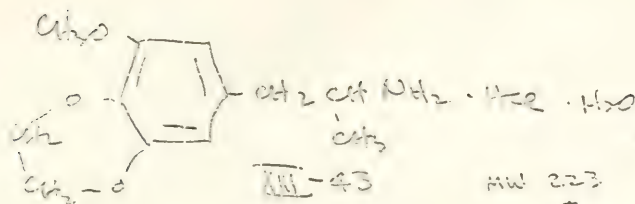
I am not saying this to strengthen my argument that I confronted the molecular consciousness on EMDR. I was in too much of a fear state to be definite of anything when I think of it now two weeks later.

-- But I am intuitively ~~xxxxxxxx~~ sure that we are meeting two unknown areas -- both repressions and a ~~xxxxxxxx~~ molecular-philosophical-Universeconsciousness. I have a strong feeling that the second of these should be left untouched by both psychiatry and happy-day investigations. We mess with some structure that should remain unknown -- ^{because it is known by being.} unless the experimenter is aware of the risk -- or goes ~~at~~ slowly in an investigatory manner with ~~the~~ caution.

QVIN

Subacute oral effects of MEDA

4/5/62

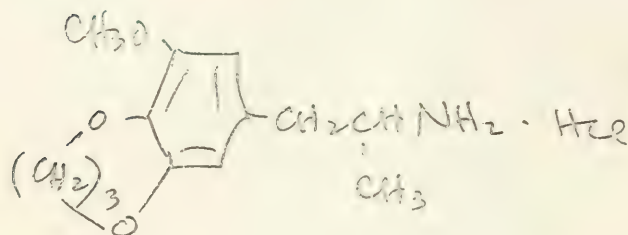
at 170 lbs, and on
free base

MW 223
 +
 36.5
 18
 277.5

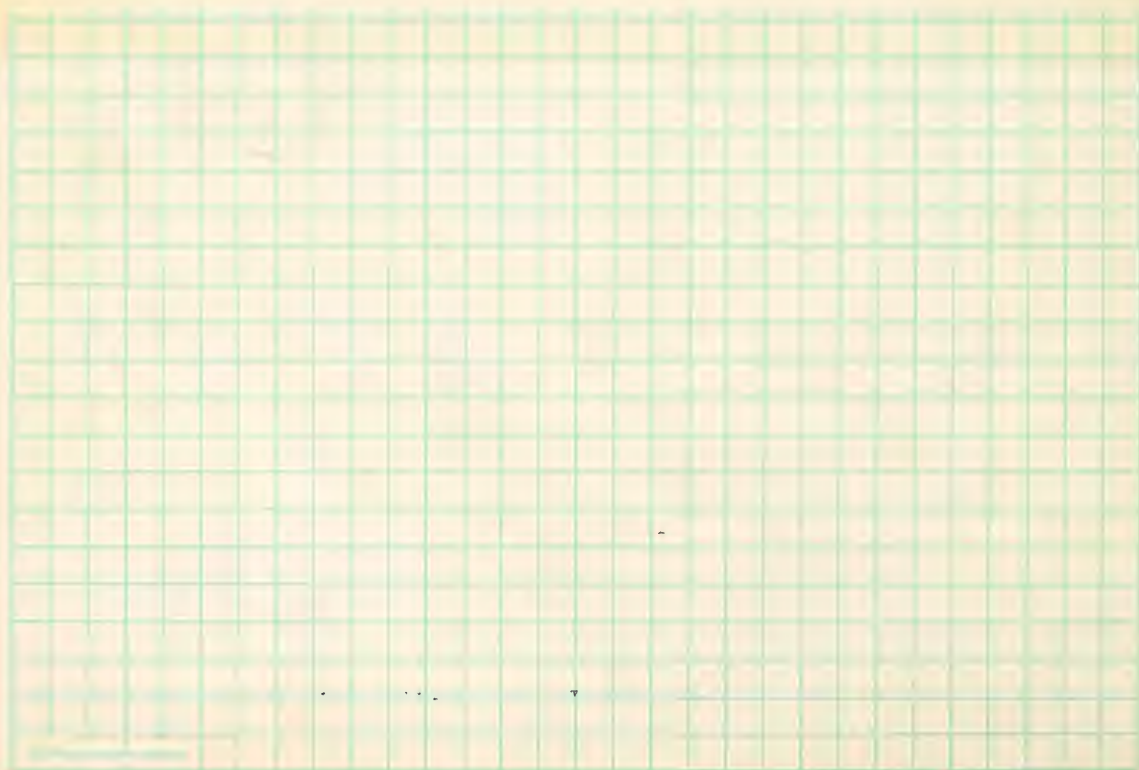
date	time	amt	
4/5/62	4:25 AM	0.10 mg	no effect. not hyper.
4/5/62	5:10 AM	1.0 mg	no effect.
4/5/62	6:40 AM	4.0 mg	at 1-2 hypnoses. Amok - but it was probably just me this AM.
4/8/62	6:00 AM	7.0 mg	no positive effect.
5/1/62	6:30 AM	10.0 mg	no effect.
6/20/62	4:50 AM	15.0 mg	no effect.
9/7/62	7:10 AM	29.6 mg	no effect.
9/8/62	9:50 AM	60.2 mg	no effect except maybe a little hyperthyroidism.
9/10/62	7:15 AM	100.8 mg	slight effect. definite excitability - bristles, initial distortion slow on, slow off (2-5 hrs)

(9/25/62 - IRVING - 200 mg - no effect)

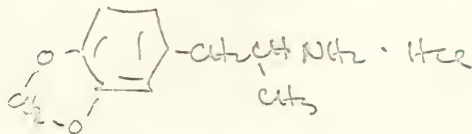
Subacute effects of MTDA-HCl



date	time	amt.	notes
10/14/62	4:00 PM.	clab (~100µg)	no effect
10/17/62	11:30 AM.	2.0 mg	total 8.4 mg. no effect.
	11:30 AM.	2.2 mg	
	12:00 noon.	4.2 mg	



5/17/61



5/17/61 4:40 AM 4.8 mg oral. not unpleasant
taste - no mental effects - went like house after
cleaning up lab - organizing - full of energy -
this may be an amphetamine-like response or
maybe ~~is~~ is normal for this day. no pulse -
no eye-pupil change. probably no effect.
no more for the moment.

7/1/65 ^{10:00 AM} 25 mg. - distinctive effects - of visual (+ color) enhancement -
felt ~~of~~ effects for up to 4 hrs - this is a threshold response
quite a ~~bit~~ but lower than that reported by 4 lles.

8/17/65 ATS 15.2 mg 6:45 AM eyes dil. at 8:00? no effects.

± 8/18/65 ATB 26.4 mg 6:50 AM. Probably threshold OK. not up to T.S. above
and so will try one more - extremely marginal if at all.

guess as of 10/20/65 effective 80 mg?
if so, ~~at~~ MV ~ 3.5?

+ 10/28/65 ATB 35.0 mg 9:30 AM. Probably threshold mentally - definite threshold automatically. 10:30 50% dilation - teeth rubby - eyes pretty much normal 1:00 PM. Mental confusion shown in calculations, played poor bridge. mental effects certainly gone by 1-2 pm. very nervous.

23/66.

A.C. 40 mg.

via A.C. $3 \times 200^0 \rightarrow 24$ hrs.

via H.C. $2 \times 150 \rightarrow$ some visual + age regression.

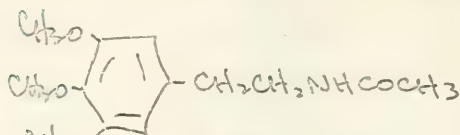
3/19/67. GLADYS; P.E. 100, 85 resp. & D.I. in Mo2. gamelan - good control.

1/11/72 ARS - 2 mg - collect urine & serum samples & retinal blood

SUBJECT

DATE

Subacute oral effects N. Ac. M.

2/27/62 at ~~San~~

N-Acetyl Mescaline

III - 184 A. $C_{13}H_{19}NO_4$

MW 253

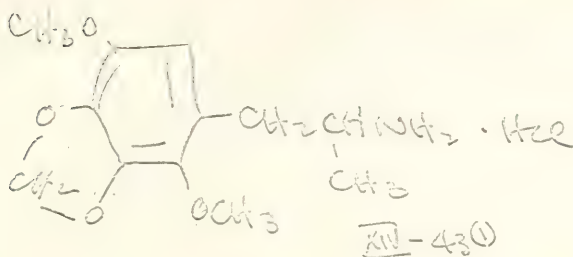
at 170 lbs

77 mg = 1 mg./kg.

Date	Time	amt	
2/27/62	5:53 AM	1.0 mg	N.R.
2/27/62	6:50 AM	5.0 mg.	N.R.
2/28/62	8:06 AM	12.4 mg.	N.R.
3/1/62	6:28 AM	27.2 mg	musty distinct taste not quinine-like bitterness of the free amine salts.
3/29/62	6:30 AM	47.2 mg.	slight musty taste
8/26/62	11:45 AM	73.6 mg.	a little as a solid directly on tongue - bitter - but not too much so. rest - in H ₂ O (v 25 me) no effect.
11/1/62	7:25 AM.	118.9 mg	no mental or central effect. PM - strong persistent pain in kidney - 10-12 AM - leg stomach (slight). Believe these to be first signs of toxicity - this is probably last trial ⁵ this.

Sub-acute effects of DMMDA.

9/19/62



MW. 273.5
free base 240

date	time	amt	notes
9/19/62	1:35 PM.	0.9 mg.	bitter - no effect. no hypersens.
9/19/62	7:00 PM.	4.6 mg.	(post prandial) - no effect.
9/21/62	4:10 PM.	4.2 mg.	no effect.
9/25/62	6:50 AM.	18.3 mg. → 16 mg base or at 80 Kg	real effect - see next page. 0.2 mg/Kg.
11/15/62	7:17 AM	24.7 mg → 21.5 mg base at 76 Kg	quite thorough - see 0.283 mg/Kg or 0.03 mg/Kg. page 35

2/5/67 GLADYS

2/7/67 A.C.

250 mg. - active -

7/24/69 GLADYS

35 (a) much toxic as active - 100 mg
active - not worth it.

V DMMDA

- 1.- 50 mg in doses of 10 mg every 30' - no effect (C.10)
- 2.- 50 " (capsule) (CB) Comp. to 50 g L50. Abstracting & some imaging
- 3.- 75 " (IRVING) " " 75 g L50. imaging, insight into relationships
- 4.- 75 " (BM) " " 100 " " Religion - abstract - 100.

DMMDA.

10/9/62

Date Sept 25, 1962 Subject ATs Observer - A.O., A.R., A.P.

Dose 18.3 mg (0.2 mg/Kg) (6:50 AM).

At 0.5 hrs drove to Pittsburg - no indication of nausea or any peripheral symptoms. Rided SUE & a distillation - seemed to gradually become intoxicated. 1.5 to 2.5 hrs. talked E. AP, TERI, SUE, others - distinctly wound up and intoxicated. 2.5 to 3.0 hr. started in driving back to Walnut Creek. Wild drive. Feeling of speed of car not accurate - would observe mountain motion, overlay of scenery as my car's elevation changed - Philo realized on all relative motion (advancement, retreat, ascent, decline) completely dependent on motion of observer as well. Then I would think to watch the road again. etc. From 3.0 to 4.5 hrs. this high period persisted. My actions must have been noticeable to but none commented. During period 4.5 - 5.0 there was a noticeable drop off of intoxication and was able to play a very acceptable game of bridge 5.0 - 5.5 hrs. The knowledge of "not-being-me" lasted in, however, and at 9. hrs I drove home. This drive was still a little detached and weird, but was nevertheless under control. A martini at 11. hrs. completed the wash out - no after effects, no sleep problems.

This is a marginally active dosage of what may be quite a SCWS or psychotomimetic drug. Must approach higher dosages with caution.

I have read pages 20 to 29 in this notebook and understand their contents. There are no blank pages, except _____. All entries are in the handwriting of _____

Signed: _____ Date: 10/10/62

Signed: _____ Date: _____

Subjective Response to DMMDA.

see page 20, 21.

11/15/62

Date Nov. 15, 1962

Subject HT - Observer AC

Dose 24.7mg ($\approx 0.3\text{mg/Kg}$) 7:17 AM. All times corrected to this. I shall transcribe my notes taken throughout the experiment, as far as they are legible. Comments are added in [].

Time. Remarks:

- 8:15 Intoxication hit - very very like LSD eyes 30% dilated [there was absolutely no preliminary warning in the form of nausea.]
- 1:45 Shaky - leg problem [knees a little weak] not much more intoxicated - eyes 50% dilated.
- 1:55 Int. head - mild depersonalization (as $\approx$ LSD) - took crap, wiped - saws really scary - eyes closed - slight early - muscular tremors - no color [this was last vomition in nearly 4 hrs - cannot recall amount voided.]
- 2:00 Time seems slightly slowed - warm feeling in genitals - may not be unassociated [handwriting deteriorating]. Tried to proof-read a couple of papers - wow [actually did an excellent job!]
- 2:05 teeth rubbing - legs $\approx$ ataxic (very mild) still feel a little shaky.
- 2:10 talk a little garbled - taste in throat of something eaten a couple of hours ago (nothing) - slight nausea.
- 2:10 arm ataxic now [handwriting - not bad].
- 2:15 good to drink now - no motion no color.
- 2:20 Time subjectively slowed - feel that several people have become aware - AC assures me not so pulse 92 [felt guilty being in back of lab looking at clock for 15 min - but 15 seconds - felt certain I was conspicuous]. I am certainly as intoxicated as under 80 μg LSD.
- 2:35 suspect AQ knows [he didn't, when I confided in him later] AC says no - must remember molasses joke [which undoubtedly seemed

Time:

Comment:

3:00

much more funny than it was - I laughed
unreservedly]

3:15

must be paranoid [I sure was] - I am sure
UMA knows also [UMA] but how can
I ever find out - paradox of observation -
reflexes are excellent although coordination
pretty grim [handwriting pretty grim too]
into dark room - α-ray there [spelled correctly]
everywhere from sky light - interesting 3D
effect from nude on door - must check
[actually it was a photograph of the
cushion she was resting on that had the
3D effect - had to feel to make sure button
and cushion weren't attached in reality to
the door] afraid of discovery - ~~can~~ coming
out - seen by both VAL and WIND

3:25

4:05

[WIND] - they both looked at me strangely -
verified that they couldn't have seen me
come out of dark room Janitor's closet [true]
druggedness of lot LSD - but seem to be
able to cope - people
teeth still rubbing - no nausea

mental stuff going fast - I am hyperthyroid -
but luckily so - pretty good coordination -
intoxicated still - going full blast. I
may recover [at this time I saved into
storeroom to wrap a gram bottle of
methylene-dioxy amphetamine for GLADYS - swept in
did the job - snuff out quickly & efficiently]
lucid & clear

4:25

4:45

at lunch - mouth doesn't quite work right
yet [the office was almost too noisy] [and seemed
incredibly noisy]

5:15

5:45

seem to be out of the drug OK [handwriting now
occurs to me to write. Hadn't all

SUBJECT

morning. Small pass - strong color [no odor]
 right eye still dilated, left almost
 normal [It seems to be difficult to
 function the muscles necessary to
 urinate - could there be a little
 paraplegia?]

6:05

teeth still disturbingly rubbery. I'm going
 to load up on coffee.

7:15

(2:30 real time) passed another so cc urine -
 color O.K. all will be O.K. - write all
 this up now [which I just did, at this
 time].

end of concurrent notes.

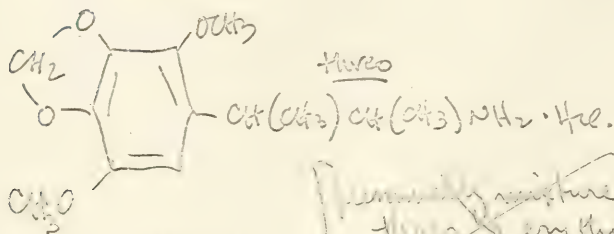
Time 3:00 PM (7:45 of
 experiment)

at 8 hrs - urinate again - but muscles still don't seem
 to be right - also still some tremor in hand -
 tingle in legs - apparently really have some
 AChE shock.

eye dilation gone at 8:30 PM (10 hrs) and urination
 apparatus worked normally. slept well - pm. excellent spirits.

Subacute effects of S-1495

10/21/62



MW 229.5

free base. 254

S-1495 B.

[mixture of
threo & erythro]

not so - is threo.

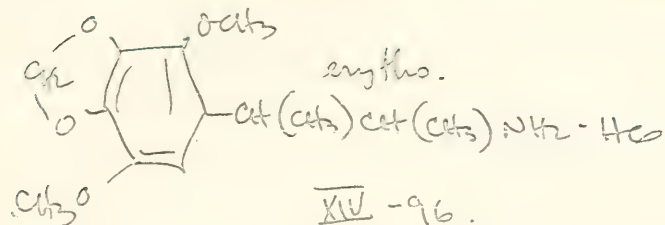
date	time	amt	notes
10/21/62	10:30 AM. ✓	data	
10/22/62	7:10 AM ✓ 7:40 AM ✓ 8:25 AM ✓	1.8 mg 2.0 mg 2.8 mg	no effect (7.2 mg)
10/23/62	11:10 AM	12.4 mg.	no effect.
10/25/62	7:20 AM - 8:05 AM. ✓	19.9 mg 11.2 mg.	no effect (31.1 mg)
11/10/62	9:58 AM - 10:58 AM ✓	51.0 mg. 30.4 mg	81.4 mg - possible marginal effect - see page 47.

SUBJECT

DATE

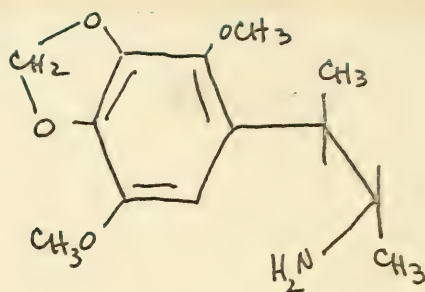
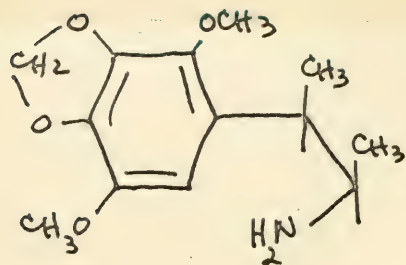
Subacute effects of S-1496

10/22/62



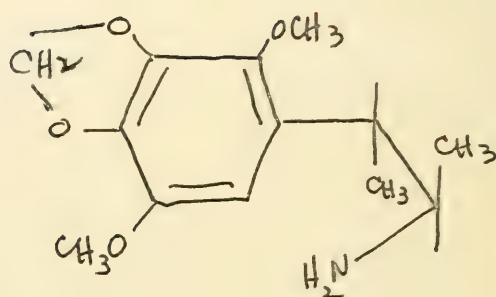
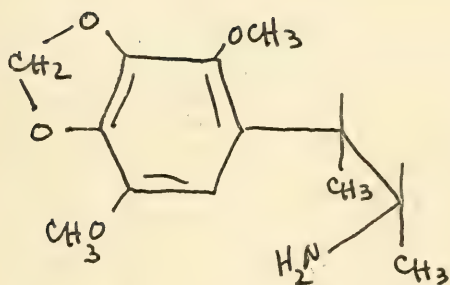
date.	time	amt	notes
10/22/62	11:00 AM -	dab.	no effect.
10/29/62	9:20 AM. -	0.7 mg	(5.1 mg) no effect.
	9:55 AM -	1.1 mg	
	10:23 AM. -	1.3 mg	
10/31/62	7:00 AM. =	5.1 mg	(9.7 mg) - no effect.
	7:35 AM	4.6 mg	

SUBJECT

L

erythro-

threo-

D

erythro -

threo -

SUBJECT

DATE

Marginal effects from S-1495

see page 74.

81.4 mg (in two doses, 2 hr apart).

= 71.4 mg base, at 0.5 mg/kg.

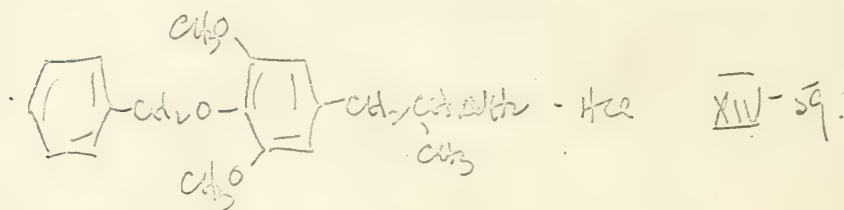
time - from 2:30 here

2:30 teeth distinctly rubbery.

3:00 Hyperventilation - quite willing to sit on
 V.P. and appear busy. Possible mental muddiness - I feel
 that this level is not active, quite, yet - but if a
 longer time is possible, then 1 mg/kg will be the
 first level of perceptible activity.

SUBJECT

Subacute effects of Benzylpropyldimethoxy amphetamine



date

time

anal.

notes

initial

m. n. n.

date (to record)

d. f.

II BTMA

- 1) 5 mg (AR) no effect
- 2) { 10 mg (GRADYS: very susceptible) - emotional
15 mg after 90' - reminiscence, imagery
- 3) 100 mg (AS) no effect
- 4) 120 mg (AR) comp. to 75 x LSD
- 5) 150 mg (CAF) " " 100 x " or 180 mg TMA-1
- 6) { 100 mg (CAT) 1 comp. to $\approx 75 \times$ LSD. Followed aft. 90' by
80 mg $\rightarrow$ " " 100 x "
- 7) 180 mg (AG) More intense than 200 mg TMA-1

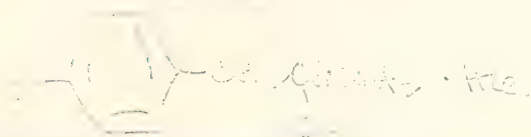
Conclusions: threshold not directly ascertained. Probably at 30-50 mg, both threshold of Ss 2 and 3 being exceptional (threshold in general is about 25% of effective dosage)

Effective dosage: 150 - 180 mg

Comparison to TMA-1: more intense reactions in smaller dosages in two,
(5 and 7)

SUBJECT

Subacute effects of MMDA-2



10 mg (K₂ as base)
 10 mg (K₂ as base)
 10 mg (K₂ as base)

III MMDA-2

C.N.'s notes.

- 1 - 10 mg. (AU) no effect
- 2 - 15 mg (AV). increased empathy for 20 hrs. (??)
- 3 - { 15 mg (AW). slight headache after 45'. After 90':
 20 mg no change. After 60' of 2nd dosage:
 20 mg, adding up to 55 mg. Threshold effect.
- 4 - 40⁴⁰ mg (AX - 1016). Comparable to 75% LSD
- 5 - 20 mg (AX) - No effect
- 6 - { 20 mg (BB) - no effect
 20 mg " "
 20 mg (totaling 60 mg): after 60', alternation between tension and deep relaxation.

Conclusions:

Threshold: probably about 40 mg. (In spite of S. 2 border and S. 4, and)

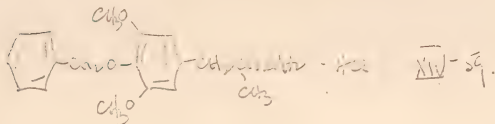
Threshold:

Ss: 2 and 4 reactions are consistent, indicating thr. of ± 15 mg
 " 3 " 6 " " " " " " " " 50 "

Psychologically the latter are undoubtedly ordered beyond the average. Threshold probably ± 20
 Effective dose - probably ± 60 mg

SUBJECT

Subacute effects of Benzoyl dimethoxy amphetamine



date	time	amt	notes
10/12/62	7:10 AM.	dab (~100ug)	no effect.
	9:58 AM	2.1 mg	no effect
	10:43 AM (+45 min)	1.9 mg.	no effect (at 4mg).

12/62: GLADYS reports maybe something at 25 mg.

1/63: 100% distinct - wakeful (amphetamine-like) - hypnagogic imagery - could not sleep at night with mind doing many uncontrolled (50mg) tangential busy things - (big Sur?) - off c. 10 amphetamine & urine

1/67: AC 5mg - fleeting nausea.
 AC 10mg - intense experience.
 +15mg - on for 24 hrs. childhood 100mg seizures - 100mg
 AC 25mg - 1 hr add to total
 70mg = 100pc LSD

Subacute effects of MMA-2

0.5 mg (No effect)

- 0.5 mg (No effect) - H.E.

1 mg (No effect)

11/17/62

Mason - ATS

0.5 mg?

no effect

AQ

0.5 mg

no effect - in literature

11/21/62

7:00 AM

ATS

150 mg

175 mg/Kg. off-line dose

no effect

GLADYS

7 mg

no effect

9/3/63

GLADYS

15 + 10 mg E2S

thorough - ~~no effect~~ page 109

3/14/76

10:30 AM

ATS

8 mg

no effects

+ 1/1/77

12:00 noon

ATS

16 mg

~10% window starting at ~ 1 hr. - uncertain at 3 hrs - completely gone at 6 hrs. New year day - (worse) - few chubs. outside normal

± 1/16/77

11:00 AM

ATS

24 mg

[1:15] Some parosmia twinges. [2:00] lightest of thresholds {3-30} largely clear are the reds and oranges enhanced at (3:00)

(continued, page 213.)

Letter AD 2/1/77 - Steep dose-response curve; 4 at 50 mg; 1 profound for 24 hrs; 1 in sensory field, to first; 2 - going; one almost imperceptible - g.v.

SUBJECT

DATE

Possible marginal effects from
MMDA -

11/19/62

Dose - 10.4 mg orally $\approx$ 115 μ g/Kg -

The bulk of indications show a good chance that this level is actual - 150 - 180 or 200 μ g/Kg may well be an effective dose and will therefore be maybe 25 M.V. This would have widely implications, strongly challenging the whole mechanism theory.

At 10:00 mentioned to AO possibility of effect - as I had been drinking heavily the night before - a slight unusual feeling - there was pupillary dilation (2:30 PM) - right eye, as usual, more than left. 10:30 - unusual feeling, confusion, dizziness - slight muscular twinnings - some feeling of giddiness - no nausea. Slight diarrhoea. Lunch (12:00) eaten well but felt somewhat tight in the stomach - this is very similar to 2:10 PM on page 3 at 4:45. This should be verified at first opportunity. 2:00 PM - dilation gone - muscles all OK again.

1/2/62

Date 1/2/62 - airt. from ...
base and ... body ...
AD ... AP ...
is transcript of my actual written comments during
intoxication [Comments in brackets added now]. All things
correct.

0
0150
110
1120
1130
2000
2110
2120
2130
2140
2150
2200
2210
2220
2230
2240
2250
2300
2310
2320
2330
2340
2350
2400
2410
2420
2430
2440
2450
2500
2510
2520
2530
2540
2550
2600
2610
2620
2630
2640
2650
2700
2710
2720
2730
2740
2750
2800
2810
2820
2830
2840
2850
2900
2910
2920
2930
2940
2950
3000
3010
3020
3030
3040
3050
3100
3110
3120
3130
3140
3150
3200
3210
3220
3230
3240
3250
3300
3310
3320
3330
3340
3350
3400
3410
3420
3430
3440
3450
3500
3510
3520
3530
3540
3550
3600
3610
3620
3630
3640
3650
3700
3710
3720
3730
3740
3750
3800
3810
3820
3830
3840
3850
3900
3910
3920
3930
3940
3950
4000
4010
4020
4030
4040
4050
4100
4110
4120
4130
4140
4150
4200
4210
4220
4230
4240
4250
4300
4310
4320
4330
4340
4350
4400
4410
4420
4430
4440
4450
4500
4510
4520
4530
4540
4550
4600
4610
4620
4630
4640
4650
4700
4710
4720
4730
4740
4750
4800
4810
4820
4830
4840
4850
4900
4910
4920
4930
4940
4950
5000
5010
5020
5030
5040
5050
5100
5110
5120
5130
5140
5150
5200
5210
5220
5230
5240
5250
5300
5310
5320
5330
5340
5350
5400
5410
5420
5430
5440
5450
5500
5510
5520
5530
5540
5550
5600
5610
5620
5630
5640
5650
5700
5710
5720
5730
5740
5750
5800
5810
5820
5830
5840
5850
5900
5910
5920
5930
5940
5950
6000
6010
6020
6030
6040
6050
6100
6110
6120
6130
6140
6150
6200
6210
6220
6230
6240
6250
6300
6310
6320
6330
6340
6350
6400
6410
6420
6430
6440
6450
6500
6510
6520
6530
6540
6550
6600
6610
6620
6630
6640
6650
6700
6710
6720
6730
6740
6750
6800
6810
6820
6830
6840
6850
6900
6910
6920
6930
6940
6950
7000
7010
7020
7030
7040
7050
7100
7110
7120
7130
7140
7150
7200
7210
7220
7230
7240
7250
7300
7310
7320
7330
7340
7350
7400
7410
7420
7430
7440
7450
7500
7510
7520
7530
7540
7550
7600
7610
7620
7630
7640
7650
7700
7710
7720
7730
7740
7750
7800
7810
7820
7830
7840
7850
7900
7910
7920
7930
7940
7950
8000
8010
8020
8030
8040
8050
8100
8110
8120
8130
8140
8150
8200
8210
8220
8230
8240
8250
8300
8310
8320
8330
8340
8350
8400
8410
8420
8430
8440
8450
8500
8510
8520
8530
8540
8550
8600
8610
8620
8630
8640
8650
8700
8710
8720
8730
8740
8750
8800
8810
8820
8830
8840
8850
8900
8910
8920
8930
8940
8950
9000
9010
9020
9030
9040
9050
9100
9110
9120
9130
9140
9150
9200
9210
9220
9230
9240
9250
9300
9310
9320
9330
9340
9350
9400
9410
9420
9430
9440
9450
9500
9510
9520
9530
9540
9550
9600
9610
9620
9630
9640
9650
9700
9710
9720
9730
9740
9750
9800
9810
9820
9830
9840
9850
9900
9910
9920
9930
9940
9950
10000
10010
10020
10030
10040
10050

[There were about seven short relapses, for a minute
or so, over this - one at 4:45 - one at 6:00
and one later - each brought
from thought that I was
under again but the
next was promptly forgotten.
Sleep fine - next AM. no
sign of relapse.]

I have read pages to in this
notebook and understand their contents.
There are no blank pages, except
All entries are in the handwriting of

page 40 continued:

This drug showed several effects that we first explain later in terms of TMA and its unexciting.

The overall effect, described on page 40 as "dizzy - head - on - head - descending" is clearly from TMA. In it one has good vision, good sense of hearing, and can think and talk satisfactorily. It is that something all around you, possibly over you as well, is restricting you from the world. An extremely loud noise, deafening loud, which you can hear. One may sit for a while, be aware of being able to think well, & perhaps, a man up with the total conviction that the whole thing is psychosomatic, an imaginary illusion, but there it is - the DHOHD all around you. True, you can't hear it, see it, feel it, but you know it is there - no one else around you & you know of its existence. With MINDA-2 it was there for a couple of hours. With TMA it appeared and actually was there, & was intended to be point of functioning to cut off my vision and my hearing. Perhaps 2 MINDA-2 at higher dosages it may close in too. It so, watch for TMA -

... being said for "head-offed". It is certain that you have tremendous disturbances in your mind. I believe, sound, sights come through, but you can sense them - at higher levels, without doubt, you will have internally generated sounds and lights to help in point. Perhaps this is a valid imitation of initial schizophrenia.

The philosophical flexibility and wit were very reminiscent of narrative interaction. As recorded in my notes "my mind was" concentrate on my chemistry". Actually this was said because I would trust myself to carefully weigh out several samples of a material in the lab, for eg. screening - I wouldn't have seen of the right weight, right

Continued from page 40

11/24/62

But the way of my own chemistry (chemistry) to the mind, occupied with the kind of mental concentration, gave rise to a series of thoughts. This masculine-like philosophy was present in the mind in many ways. During the time I was in the hospital, I was in the hospital.

XENON

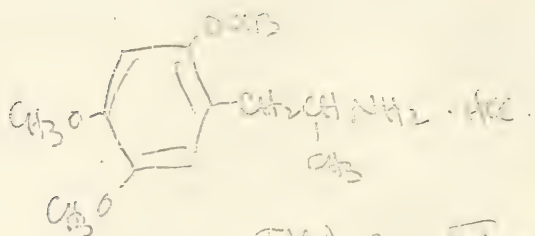
YAGO

I was aware, that the time was passing to set up the gas-regime for the purification of Benzene and I could watch the show, strip on the highway of the old, and again the force inherent under all their acts. Quite a moving and to watch in and on. But I was on my own, and I knew it was impossible for me to try to improve on.

The course of physical toxic manifestations was noted and observed. There were very little muscular activity, slight eye dilation, no nausea; however, the thought that it might be difficult to urinate occurred (as with DDMO). Slight difficulty during urination, was observed.

Subacute effects of TMA-2

4/24/62



TMA-2 REL-92

date	time	amt.	notes
11/13/62	4:20 PM	10 mg	
11/24/62	2:15 PM	5 mg	
	3:00 PM	5 mg	
	3:30	5 mg	2.7.7 in file.
11/26/62	6:00 AM	10 mg	
	6:50 AM	10 mg	25.3 mg. some over-dose see → also 104.

7/24/65

GLADYS

10 mg

see page 108

11/3/66

via AC

15 mg + 15 mg no black out. visual. considerable insight, also nausea & vomiting. stated $\approx$ 100 μ LSD.

11/2/67

GLADYS

15 mg at 5:00 PM - by 6:07 aware - peak 8:00 PM. 10:30 sleep but awake at 2:30 AM still going on. Descent of shining letters on a chain - watched letters go by - but they didn't spell out anything. Took second - GI upset gas - cramps.

early 67?

via AC

~40 mg-

not overwhelming -

$\approx$ 100 μ LSD -

falls short - sexual

Chronology, of Intoxication and Description of EffectsThis from a Dow
report GP 1039

All times in the following are stated as times from the first ingestion. Observers' notes have been interwoven when appropriate.

n.n.n

TMA-2

eq. in LSD.

1.-	(AY)	{ 10 mg, followed after 90' by 10 mg →	25
2.	(KALE)	20 "	50
3.	(AZ)	20 "	75
4.	(BC)	30 "	75-100
5	(AV)	40 " [>60 mg TMA-6]	100
6	(BA)	40 "	100
7	(BB)	40 "	75-100
8	(AT)	[30 " [>60 mg TMA-6] + 30 "	75 100
9	(BL)	50 "	100-150
10	(AW)	60 " group setting	~~75~~ 75-100
11	(BE)	60 " " "	75-100
12	(AR)	60 " " "	100-150

Remarks: "difficult to compare with LSD because of qualitative difference: tranquil, non-dramatic ^{reference} eq

- 2) Best results w. 40-60 mg
- 3) Qualitatively different from TMA-1, but comparable to TMA-6. Also different from MDA & NMBA.

FOLDOUT BLANK

Chronology of Intoxication and Description of Effects

*This from a Bow
report GP 1039*

All times in the following are stated as times from the first ingestion. Observers' notes have been interwoven when appropriate.

0:00

~~_____~~
Ingestion of 12.5 mg (as hydrochloride) or 140 μ g/Kg as the free base. (There had been no food consumed during the previous 12 hours.)

1:00

Ingestion of a second 12.5 mg. (TMA-2 has a very slight alkaloid-like bitter taste - neither unpleasant nor lingering.)

1:20

Pupils show slight dilation, light muscular tremor, initial nausea, and an onset of diarrhea.

1:30

Cholinergic effects moderately severe. Teeth are chattering and vibrate when rubbed together. Pulse 80.

1:40

Only a moderately severe nausea is left. As has been observed with LSD-25 intoxication, the symptoms of nausea are complete,

except for the desire to vomit. This phase receded over the following 20 minutes. Pulse unchanged.

2:00 to 3:15

During this hour, the complete syndrome, except for intense color effects, of severe mescaline intoxication developed. There was essentially no nausea, and the world was filled with distorted, moving things, all quite humorous. Peoples' faces were grossly distorted, and there was very little thought or worry of personal safety. Muscular coordination quite good. Time passed slowly. Conversation both coherent and clear.

3:15 to 4:30

At about 3:15 the first indications of still further mental and physical capitulation to the drug became evident. A numbness of the fifth, and part of the fourth, finger of the left hand was frightening, and the recovery of this "asleepness" constituted a mechanism of preventing further inundation. Compulsive massage controlled this physical dissociation although asleepness of the

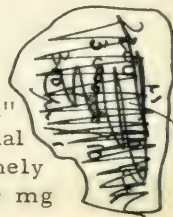
knees, muscular and abdominal cramping also began to occur. In cycles there would be periods of relative simplicity followed by periods of nausea which could be relieved in part by attempted (but unsuccessful) vomiting.

Simultaneously with the physical cycling occurred a mental, intellectual occultation that, fortunately, possessed a different period. From the beginning of this hyper-mescaline stage (about 3:30), waves of near-unconsciousness occurred. The hallucinatory motion-of-real-objects became unavoidable and overpowering. Periodically, at the crests of cycles, an impression of fainting would occur, and it was felt certain that to lose the thread of return would mean never to recover mental integrity.

Fortunately times of mental and physical stresses did not correspond. Subjective time was badly distorted. A short visit to a dark room was unbearable due to the active and frightening hallucinations.

4:30 to 5:35

At about 4:30 a return to a recognizable "mescaline-intoxication" was the first believable indication that there would be an eventual recovery. A drive through the countryside proved to be extremely humorous and enjoyable, comparable to peak effect at about 500 mg mescaline.



5:50

Rapid recovery from the above effect. Increasing periods of lucidity. Completely unable to eat anything.

7:00

Able to drive a car without misadventure. A mild stomach ache was the only remaining physical symptom. Occasional touches of unreality did still occur but were completely controllable.

12:00

No remaining effects. Appetite good. Sleep normal.

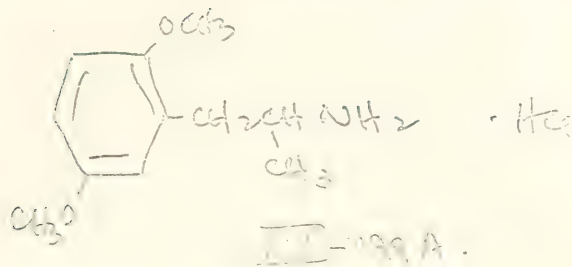
Conclusions

This drug, TMA-2, has an apparent potency of 20 to 25 times that of mescaline, and of perhaps 10 times that of its structural isomer, 3,4,5-trimethoxyamphetamine. If more complete studies show no increased toxicity for TMA-2 (all amphetamines so far have been similar to one-another), the improved therapeutic index (x20) would warrant the consideration of this chemical as a substitute for mescaline in psychotherapy and in clinical uses.

SUBJECT

DATE

Subacute effects 2,5-DMA.



Date	Time	Cont.	Notes
1/15/63	8:15 AM	low	slightly
1/16/63	8:55 AM	2.0 mg.	slightly
2/1/63	10:40 AM	5.0 mg.	in - better look
2/5/63	7:12 PM	8.4 mg.	no effect
2/11/63	7:17 AM	13.3 mg.	some effect in PM - Probably due to rising too fast - slight back rising. - (?)
2/28/63	1:23 PM	20.5 mg.	no effect - no rise - no rise - no effect.
2/3/63	6:50 AM	35 mg.	through effect - see page 58. stimulant & intoxicant. at 10 minutes

note extreme sim. to 4-MA (p141) at 2x dose.

Subjective record to
2,6-Dimethylaminoethanol

3/11/63

Trial 3/8/63. 35 mg XIV-499 as hydrochloride - see page 46.

Taken orally at 5:50 AM. Walk to lab

Times from 5:00 = 0

- 1:15 - ~~at 1:15~~ - ~~at 1:15~~ - ~~at 1:15~~ - suddenly quite
looking at feet to keep from getting wet in grass.
outings - onset of intoxication quite sudden. There
was a cloud visual field, then just ~~the~~
- 1:40 High - quite coordinated - talking - Heris enjoying
- 2:20 ~~High - quite coordinated~~
- 2:30 To library - literature search on this compound -
quite coherent
- 2:50 I am carrying myself off OK. quite high - can
think clearly - can maintain train of thought - no
apprehension - have distinct feeling in chest as
if blood pressure is high.
- 3:20 Still showing extreme amphetamine stimulation -
must intentionally move slowly.
- 4:30 coming back to normal
- 5:30 all OK.

1. - ~~at 1:15~~ - ~~at 1:15~~ - ~~at 1:15~~

This has all earmarks of a ~~delusional~~ and
intoxicant - essentially no alcohol or ketone
in it. Definitely - this is the active base,
and this base is not an hypnotic.

SUBJECT

DATE

Subacute effects N-methyl-THA-2 10/29/62



date	time	weight	notes
10/29/62	7:00 AM	5.0 mg	nothing
10/30/62	7:00 AM	5.0 mg	nothing - all nothing - all nothing - all nothing - all
10/31/62	8:30 AM	5.4 mg	nothing

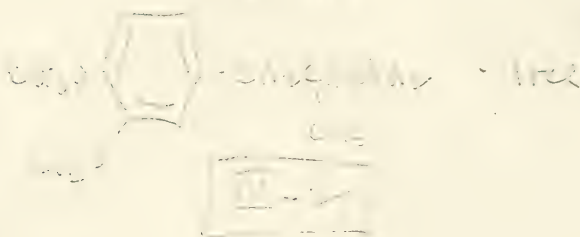
8/22/63 9 7:00 AM. 9.4 mg. nothing
 8/10/76 30 mg FLIP n.e.

SUBJECT

DATE

Subacute effects S-1502

1/31/63



Date	Time	Dose	Notes
1/31/63	2:30 PM	1.0 mg	no effects.
2/4/63	1:35 PM	2.5 mg	no effects.
2/6/63	7:15 AM	5.0 mg	no effects.
2/7/63	7:16 AM	8.0 mg	no effects.
2/8/63	9:00 AM	10.0 mg	no effects.
2/7/63	salt turning yellow - sign of decomposition.		
2/20/63	7:10 AM	20.0 mg	recrystallized (IPA; ether) just before use. no effect.
	8:40 AM	7.0 mg	

I have read pages to in this notebook and understand their content. There are no blank pages, except All entries are in the handwriting of

Signed: Date:

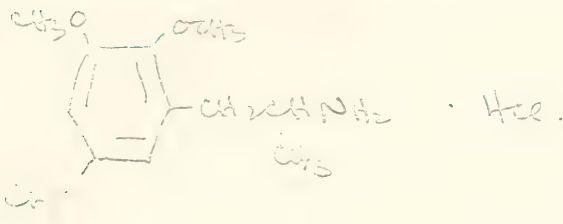
Signed: Date:

SUBJECT

DATE

Subacute effects of TMA-4

3/17/63

See
AV-49

date	time	dose	comments
3/17	2:30 PM.	18.7 mg	nothing.
	2:40 PM.	26.3 mg	nothing.
	2:50 PM.	26.3 mg	nothing.
3/18	7:00 AM	18.7 mg	nothing.
	7:05 AM	26.3 mg	nothing.
5/25/63	11:25 AM	18.7 mg	quite bitter - no effects.
6/15/63	8:10 AM.	26.3 mg	no effects whatsoever - no dilation.
7/8/67 -	AC	what I have left. ~ 50% LSD.	

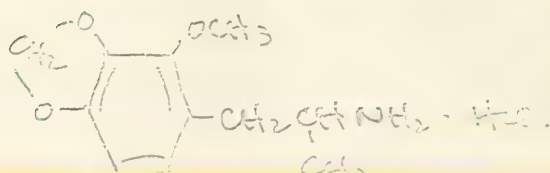
TMA-4 (?) Concern about life issues, introspection, for about 6 hrs. No subjective physical symptoms. Comp. to $\pm 50\%$ LSD. Comparable to (more intense than) 120mg TMA-1, (w/ me)

SUBJECT

DATE

Subacute effects MMDA-3a

2/7/63

IV MMDA 3a

- 75x
1. - 40 mg (BI) no effect
 2. - 40 mg (BG) increased communication, imagery → 6 hrs.
 3. - 50 mg (AT) comp. to 75 mg LSD. After 90',
30 mg → comp to 100 mg LSD
 4. - 80 mg (BH) " " " (followed by attempted suicide)
 5. 80 " (AC) " " " (unusual peak exp. after 5 days)
 6. 80 " (IRVING) " " "
 7. 100 " (AK) " " " (at least).
 8. 50 " (CUMBY) brought about psychotic episode, days duration
 9. 80 " (BI) comp. to 100 mg LSD
- 60
40
60
60
60
60
7.1
7

Conclusions:

threshold: Not clear. Probably ± 25 mg, in spite of SF1.effective dosage ± 80 mg

qualitatively: More illusive than MMDA 1 or 2

" " " TMA-2 " 6

" 'magine', masculine-like.

aftereffects or coincidences?

57m
7.1
7

$$AD = \frac{275}{70} = 3.93$$

3) 100 mg to 100 mg - 4 hrs KEMS - 3 runs suicide

4) 100 mg - all cold and burning.

SUBJECT

NAME

Infantile effects of
Solms divinum

8/12/63

Attempt to ~~con~~ confirm and evaluate the use of
 leaves of the Shepherders (S. divinum) as an
 intoxicant or as a hallucinogenic plant.

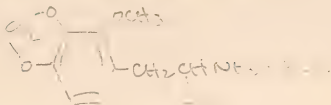
Date	Consumption	Comment
3/15/63	7:00 1 cup 7:45 " " 7:00 1 cup 7:45 " " 7:50 " "	These leaves are large, later leaves more AD greenish. Good Eaten without difficulty. Distinct taste of it which is bitter. I will try more of it. There was probably no effect. Only slight nausea during it (i.e. 7:45) but this was certainly not intoxication. I thus had no effect. I will try more of it. I will try three times in this 2 hr period, especially after and during lots of coffee, etc.
5/28/63	10:50AM several small leaves & 5.0g. 11:10PM several more, 5g → 10g	These were leaves which were left from the morning and making cuttings of one of the

plants AD brought to the lab. Unfortunately prior to this trial I
 had consumed both dinner and a considerable amount of wine.
 There was possible lightheadedness, but nothing dramatic, and
 certainly ascribable at least in part to the wine. Taste not at
 all unpleasant. An intensification(?) of the (wine) intoxication
 provides sufficient justification to build a green-house. Am doing.

~ 8/5/63	20 g	- possible transient funny - not too believable.
~ 8/10/63	20 g	- initial face puffiness. not too believable either.

continued. page 96.

217 - 3



(2-11)

MMIX - 22

11

C

 $2' - 1'33$

2:30 PM.

days (approx)

no effect.

2. 1. 2.

8:00 AM

9.1 m

22.

in effect.

51. 23

— 2 —

5. A man

Marshall no. 225.

200

27. 1. 2.

city - people in area would benefit

86/8163

10:15 AM.

20.0 mg

effective dose - see page 66

via K6Z 1) 40 + 40mg (at 3 hrs) - 24 hr. effect

24. 100 mg to 100 lb @ - fetal retreat

3). 100 mg to inpatient - 4 hrs REMS - 3 final suicide.

4) KOZ 100 mg - all cold and burning.

FOLDOUT BLANK

SUBJECT Further details on the TMA-2 Experiment
of 11/26/62 - See page 54-56.

Sitting with AD - between tendencies to faint.

I am sitting rubbing the fourth and fifth fingers of my left hand. This one of the last contacts with reality. Somewhere I have read that ~~malig~~ malign malignerers (those who sham illness to avoid obligations, however you might spell them) during subscription to the services, generated partial paralysis of the hands, and described what was known as the glove effect. The initial paralysis should embrace the termini of the fingers, a more complete effect embracing the hand itself, a total effect inactivating the entire lower arm. In some elementary course in psychology I have learned that the true physiological sequence of manual paralysis extended vertically through the fingers.

For possibly this reason of knowledge, for possibly the reason that it really occurred this way, the little and part of the ring finger frequently went to sleep and the recovery from this "dormancy" constituted one real mechanism of recovery of the "same" world.

I have always had a morbid fear of various parts of the body going to sleep, in that if the sleep position should embrace more and more of the whole body, that the disconnection of the mind and soul should be permanent, if and when the head or heart should, in turn, fall asleep. This memory and compulsion were sufficiently acute that I would not, and could not let the numbness of my left two fingers spread. I rubbed them incessantly.

The body was experiencing, simultaneously with these effects, muscular and abdominal cramping of sizable proportions. In cycles, there would be periods of relative simplicity, where massaging of the knees and thighs would seem to be a satisfactory placation to the immediate ataxia experienced. These would be followed by periods of nausea which could be

SUBJECT

DATE

relieved by attempted (but unsuccessful) vomiting. Still, during these latter periods the impression was held that to curl up in one's own world and not to have to face the proprieties of laboratory life, would be ideal.

Simultaneously with the physical cycling occurred a mental, intellectual oscillation that, fortunately, possessed a different period. Once the mescaline-like intoxication had been displaced (the beginning of this middle period), waves of near-unconsciousness would occur. The 'motion-of-real-objects' pleasure of mescaline became a thorn of existence in an unreal world. Periodically at the crests of cycles, an impression of fainting would occur, and to lose the thread of return would preclude recovery of mental integrity. Fortunately times of mental and physical stresses, both individually almost uncontrollable, did not correspond.

The assurance was held that this mental 'lucidity' was permanent. Requests to my observer, as to when the experiment would end, (his guess as to duration and as to when I would exhibit normal behavior, prompted me to try to achieve certain actions in a strained coherent manner, that would be acceptable as "normal". AD, of course, could give me no believable guess. In this light, I left him and went to the library unattended; also I proof-read and signed a letter to ZED. In near panic, I returned to the safety of my observer, convinced that my present state was irreversible and that I would have to adapt to life, henceforth, filled with learned actions (to appear sane) and frequent visits to the news room (to relieve nervousness).

SUBJECT

Subjective evaluation: MMDA 3-A-
see page 62

6/8/63

written 6/14/63

Time 10:15 AM (0 hr.) - dose 20.0 mg as .4cc B5 $\rightarrow$ 245.5
 $\rightarrow$ 269 free base, and at 178 lbs or 80 kg $\rightarrow$ 210 mg/kg oral dose.

Chronology. - this transcribed verbatim: [except brackets]

11:30 - 12:00 ($1\frac{1}{4}$ - $1\frac{3}{4}$) aware

12:10 ($1\frac{1}{2}$ hrs) decide not to tell OK [this all was at farm, sat.]
 seem to be aware that the max. is controllable.

12:20 ($2\frac{1}{10}$ hrs) time creeps - marvellous world [of] insects,
 the -ocazo- really rewards me.

12:45 ($2\frac{1}{2}$ hrs.) try eating - completely confident - will use
~~time~~ [crushed out] ? - up.

1:15 (3 hrs). if it stayed forever like this, I would just
 have to let my apparent personality [concept can be
 recalled - see discussion].

1:30 $3\frac{1}{4}$ hr $\downarrow$ rest.
 1:45 $3\frac{1}{2}$ hr

2:00 ($3\frac{3}{4}$ hrs) out to bricks

3:00 (~ 5 hrs) out of drug.

Elaboration upon, and explanation of this chronologically
 defined diary follows. adjoining is the actual transcripts.

APRIL						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

TUESDAY

15

MAY 1962

JUNE						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

8.00
8.30
9.00
9.30
10.00
10.30
11.00
11.30
12.00
1.00
1.30
2.00
2.30
3.00
3.30
4.00
4.30
5.00
5.30

B7

The initial dose was taken at the lab, as noted, at 10:15 AM. Employing the analogy gained heretofore, there would be, comfortably, at least an hour before effects, if any, would become debilitating. During the 10:15 - 11:15 period of grace, I drove the incredible Studebaker truck to Lafayette to procure a 1/2 yard sand, and had a spirited contest with a highway patrol officer whom, I was certain, was more concerned with the 1/2 quart/10 mile oil-contribution to the same problem than to my abilities as driver. In any event, there was no incident.

Sometime after an hour, I became aware of some intoxicative effect, while I was talking to the man who did the discing around the farm. I had opened two tall beers, one for him and one for myself, and although the day was hot, I could not drink more than a sip of mine. I immediately thought of the experiment and deduced that beer, regardless of how deficient in ~~stuff~~, might have an adverse or confusing effect on the outcome. So, I listened to him talk for 1/2 hr, while I made what must have been inane and inconclusive conversational play.

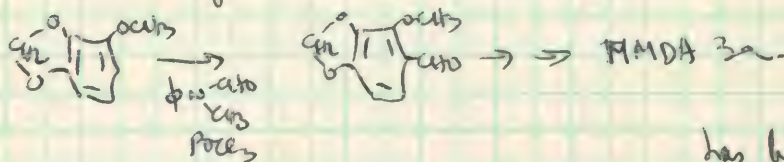
He left to make a phone call, and then returned to his tractor & discing equipment. I returned to my bricks and knew that it would be futile to our writer. I could indeed

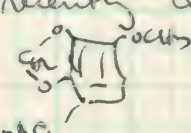
6/18/63

lay bricks if necessary, but I had no heart for it. The piles of bricks (some 20 bricks high, i.e., 2×10 or about 2 ft.) had that "continuous-in-motion" style of falling associated with mesaline. See page 2. It was extremely enjoyable to watch the bricks in continuous performance.

At this time I had my first serious thoughts about telling BK of the experiment, but decided not to. Some how, I knew that ~~if I could~~ I could probably fool her, and her not knowing would provide me with convincing evidence of the apparent normalcy of my actions. There was also an element of selfishness in it as well. Incidentally, there was quite extreme pupillary dilation at this point - there had been absolutely no indications of nausea or physical malaise with this material.

[I have just read (6/18/63) that, although the route I had used in the synthesis of this material



has been reported (JACS) and confirmed (Ber.) as yielding the isomer shown, a report in JACS recently claimed the generation of the lower melting isomer  in equal amounts, which would have led to MMDA 3b.

In my notes, I observe that I did not characterize the aldehyde from this formulation, but converted it directly to the nitro-styrene $\bar{c}$ EtNO_2 . This aldehyde was nicely obtained only after recrystallization. Although it is a 100% shot, it is conceivable that this response was due to MMDA 3b. The compound is certainly unique (sharp melting nitro-styrene) but its structure permits argument. The unambiguous

synthesis, through the feasible nitro-styrene of MMDA-3b, is being pursued forthwith.] [ATS 8/29/63 - It was indeed MMDA-3a]

At about this time I became involved (as I had with mescaline) with the captivating world of insects. I found a measuring worm, and with great tenderness and patience ~~he~~ picked him up, observed his fore- and aft "feet" and finally placed him down on a leaf and watch him acclimate himself. There was also a spider on the bricks, and I was compelled to watch him in action. I was grateful that I was not being observed, so that I should not have to appear dubiously employed. Time was ~~not~~ quite slowed. I checked periodically with the kitchen clock - it moved quite slowly. It was necessary to move, intentionally, slowly, so as not to exhaust myself.

As mentioned in the chronological display (page 66) it became apparent to me the extent of the pleasure-giving (and possibly activity-enhancing) properties of the methylene dioxy ~~group~~ as contrasted to the analogic dimethoxy pattern. Compare: A.05 reported grey doughnuts and more in v 126 my 3,4-methylene dioxy amphetamine, whereas there was nothing on the dimethoxy analog (same envelope). This, at least supports the ~~former~~ potency argument. There rests the enigmatic report of "no improvement over mescaline" description of 3-methoxy-4,5-methylene dioxy phenylethylamine. MMDA appears possibly more active than TMA, and distinctly of more gentle effects. ~~Also - MMDA-2~~ Also - MMDA-2 looks to be comparable to TMA-2 - but certainly none of the individual panic that accompanied TMA-2. Here, it is true that TMA-3 is untested (in truth as of the moment still in the nitro-styrene stage, so still not even synthesized), but ~~at~~ already, I am quite willing to test MMDA-3a, as it allowed a friendly experience.

At 12:46 PM. BK made some sandwiches as lunch, and I volunteered to share them. My customary habit of a bit of Pinot C. & two sandwiches was converted to 7-up and ice. The sandwiches were uneatable. BK comment mid-way that the pickles were bad, and I was overwhelmed with the recognition that I was unable to distinguish bad from not-bad. Intellektually I knew that the sandwiches were OK, but they ~~did~~ filled my mouth unreasonably, and I gave up. Instead, I watched birds ~~was~~ circling above the newly plowed field (we ate on the new patio) and sipped (and enjoyed) 7-up and ice.

The concept soon arose. (in the notes, about it) 3 hrs.) that this condition might be permanent. True, this consideration has often arisen before, with LSD, as well as with TMA-2 and mescaline. However, with all these other materials, on all previous occasions, the rational ~~was~~ had been set forth that it would be possible ^{even} necessary, to learn and imitate the behavior of normal individuals so as to ~~to~~ perpetuate the sham of normalcy. In other words, one could and must set about learning to act in an acceptable normal manner, so as to conceal the true state of affairs.

With MMDA-3a, the concept that flashed past the ~~was~~ mind was totally opposite and is recalled here as well as possible. Here, it was, as mentioned above, considered a real possibility that the changes observed might be irreversible. The challenge appreciated, was not only to imitate "normal" behavior as would be necessary to fool one's associates, but to plot an extensive campaign of gradual change of personality so that, after a period of weeks or months, one could relax back into

~~the~~ this pleasurable escape and have it accepted ~~is~~ as usual behavior. In other words, the capacity for intellectual plotting was, far from being lost, quite available.

It must be held noteworthy that both; 1).

this quite recherché concept was totally recallable, and;

2) his attitude may well represent the approach employed by endogenous schizophrenics in the concealment of their problems. It further is undoubtedly coincidence that this concept first appeared with this specific drug. It might be me.

Between 3 $\frac{1}{4}$ and 3 $\frac{3}{4}$ hrs ($\sim$ 3 hrs was max. effect) I rested, in the pretense of sleepiness, actually to avoid brick-laying and close to try closed-eye effects. The results were questionable. I couldn't lie still. In pseudo-darkness, there would be some structured illusions or ~~as~~ as with LSD (commonly called eyes-closed hallucinations, but actually ~~closer~~ closer to the so-called brain-movies of MMOR. These were interpreted in an erotic framework, not unpleasantly extended by the awakening experienced by BK at 1:45 P.M. If left alone, I could have enjoyed my own company. The effects were pleasant.

There was a precipitous decline of intoxication from here on out. Soon, there were ~~no~~ no mental retreats, and thus 'laid bricks' all afternoon, and had martinis before dinner.

Afterthought - Lack of car-drivability during intoxication. Probably impossible.

Overall conclusion. a) will explore when it is soon; also, will repeat. Pleasurable and perhaps rewarding.

GRADYS

6/17/63

SUBJECT

SAR's.

DATE

happy 38 birthday.

With the knowledge to date, and with the following assumptions:

- 1) $O-CH_2-O \geq O-CH_2, OCH_2$
- 2) TMA-4 is inactive, as is TMA.

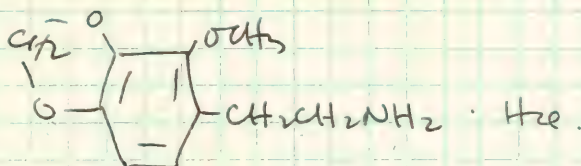
one may take recourse into a diagrammatic representation of the TMA series:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
I	○			○	○		○	○	○	○		○		○	
II	○	○		○○	○		○	○	○○	○	○			○	○
III	○	○		○○	○	○	○		○○	○		○	○		○
IV	○	○	○	○	○○	○	○		○○	○		○		○	
V		○○	○	○	○	○	○		○○	○	○			○	○
VI		○○		○○		○○		○		○○		○		○○	

SUBJECT

Subacute effects of XI-104

DATE 8/25/63



8/25/63.

3:30 PM

dab.

no effect.

9/1/63

10:40 AM.

4.4 mg

twinge of lightheadedness
at 5 min (fluke) - then nothing
- no dilation - no effect.

9/26/63

1:55 PM.

8.1 mg

(ate at noon) no effects.

11/20/63

7:07 AM

13.8 mg.

no effects.

sample to GORDON
11/27/63

40 mg (TS)

no mental - but as if a
psychic energizer - excellent
spirits all day.

65 mg (TS)

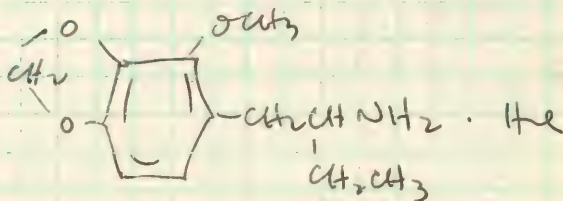
mood elevation - see letter
page 92

note Dow claims.

SUBJECT

Subacute effects of $\overline{\text{XV}}$ -105

DATE 8/26/63



8/26/63	2:10 PM	AS.	lab.	no effect - very bitter as after-taste.
8/27/63	1:10 PM.	AO	lab.	no effect.
8/29/63.	6:30 AM.	AS	1.0 mg	no effect.
9/7/63.	5:50 PM		1.9 mg.	this ~3 hrs after light lunch. no effect.
11/30/63	1:35 PM.		3.5 mg	no effect.

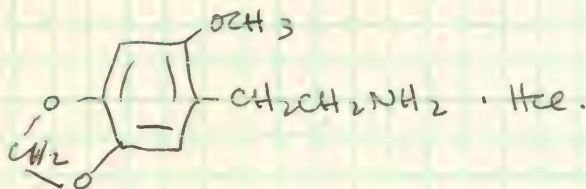
SUBJECT

Subacute effects of XV-106

BOOK NO.

DATE

9/2/63



date:

9/2/63

time:

9:55 AM.

1:50 PM.

dose:

dabs (0.6 mg)

2.6 mg.

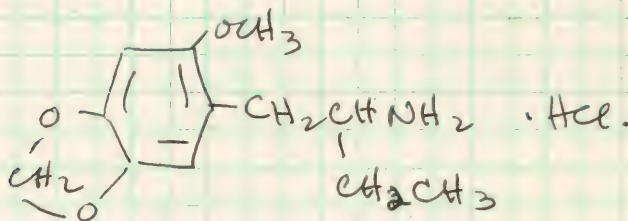
comments:

no effect.

SUBJECT

Subacute effects of XR-107

DATE

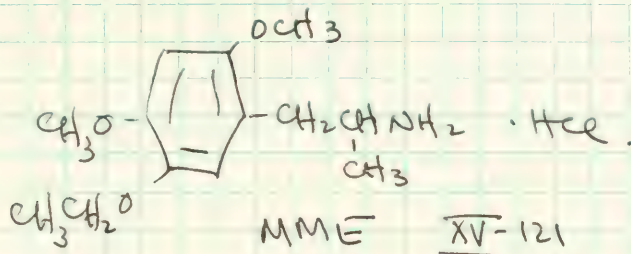


SUBJECT

Subacute effects of MME

DATE

9/3/63



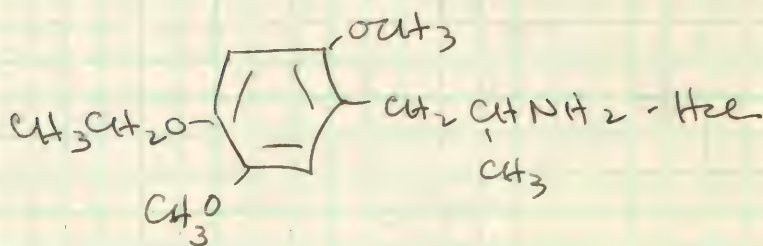
- 9/3/63	11:50 AM	ATS	0.3 mg	nothing.
9/6/63	6:30 AM 8:20 AM		2.2 mg + 2.0 mg	Σ 4.2 mg. nothing.
9/9/63	7:45 AM.		6.5 mg	9-9:30 maybe 10% dilute - teeth rubbing was bit strange. probably nothing.
9/16/63	6:40 AM.		9.9 mg	probably nothing became a bit apprehensive then nothing - like 65 mg.
10/25/63	7:17 AM.		16.3 mg	probably nothing - unreal at ~9-10 AM. no dilution - no rubbing. no toxics - a certain amount of panic at ~10-11 AM. then nothing believable no effect.
~ 4/5/64	6:50 AM.		24.8 mg.	

Mouse toxicity 300 mg/Kg dead 5 min
 175 mg/Kg convulsive twitching - dead 6 min
 107 mg/Kg. twitching - dead in 5 min
 75 mg/Kg. tremor - active behavior - OK.
 100 mg/Kg (5 mice) 4/5 dead. (20 min) 1/5 OK.

SUBJECT

Subacute effects MEM.

XV-136.

MEM

Claudio's notes.

1. - 5 mg (IRVING) no effect
2. - 10 mg (BE) " "
3. - 15 mg (BL) threshold. Duration approx 60'. Reminiscence, anger
4. - 20 mg + 30 mg (after one and a half hours w. no effect). Onset of effects at
 ↳ (BM) 50! Comparable to 75-100 g LSD).
5. - 40 mg (BE). Comparable to 75-100 g LSD, or 60 mg TMA-2
6. - { 20 mg (BN) threshold. after 2 hrs:
 { 12 mg (adding to 32 mg): compared to 100 g LSD
7. - 30 mg (AR) " " " or 60 mg TMA-2
8. - 30 mg (GLADYS) " " " greater than 20 mg TMA-2

Conclusions: Threshold at 15-25 mg (20 mg enough for 56 but not 54)
 { For 3 Ss, 30 mg compared to 100 g
 { For 2 Ss 40 and 50 " " 75-100 g

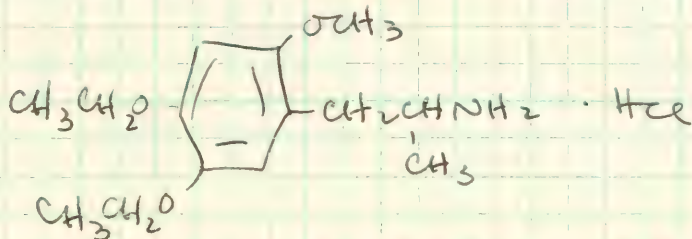
The latter seem ~~therefore 40 mg~~ ~~seem to be~~

psychologically more rigid and defensive. I would estimate in
 30-40 mg the average effective dosage in psych-te.
 Comparison to TMA-2: Apparently more active.

SUBJECT

Subacute effects MEE

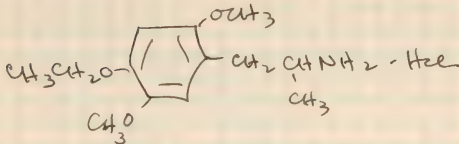
DATE

See XV - 150

DATE.	TIME	DOSE	EFFECT.
October 1 1963	9:45 AM.	0.4 mg.	no effect.
10/8/63	7:50 AM	1.0 mg	no effect
10/14/63	10:40 AM	1.7 mg	no effect.
10/17/63	10:15 AM	2.8 mg	no effect.
10/23/63	7:07 AM	4.6 mg	no effect.

Subacute effects MEM.

XV-136.



date.	time	dose	effect.
14/63	3:55 PM	0.8 mg	no effect.
25/63	11:30 AM.	2.2 mg	no effect.
30/63	9:34 AM ✓ 10:44 AM ✓	4.5 mg / 7.3 mg 2.8 mg	possible both ways & difficulty in eating at noon probably no effects. no dilation noticeable.
6/3/63	6:35 AM.	10.5 mg.	active, unquestionably see notes, page 80
11/63	GLADYS	7.5 mg	marginal, perhaps.
18/63	GLADYS	12.5 mg	barely threshold. p 112
6/66	GLADYS	18.4 mg	peaks at 3 hrs. - out at 5-6 hrs. no sleep at 7 1/2 hrs. took Nembutal. Effects color and visual intensity - wavering of visual field. distinct emotional euphoria. Extrapyramidal tremors.
19/67	MS.	11.0	distinct threshold. p. 161

FOLDOUT BLANK

SUBJECT

Marginal effects MEM.

10/4/63.

Subjective evaluation

Time 6:35 AM (O time for chronology.) dose
 10.5 mg ^(1.4cc) orally in ~ 15 cc water - at this
 dilution, no taste. M.W. 275.5 → 239 or 9.1 mg base
 at 184 lbs currently → 83.5 Kg ∴ ~~120 µg/Kg~~ ^{109 µg/Kg}

- 0:45 slight pain, base of skull - probably not related.
 0:55 first intoxication - no sign of nausea at all
 was talking with IRVING and felt initial
 dizziness - ~~that~~ had to get up & move. Some
 physical poisoning in legs.
 1:15 tell AO - I knew I was intoxicated (in EtOH
 sense) but was not apprehensive. At that time
 I knew 50% increase in dosage would have been
 too much. Slight dilation if any.
 1:55. Mentally I seem to be OK. or at least
 rapidly mending - physical toxic signs
 persist. A bit disafforded that if I need to
 be physically poisoned, that I shouldn't be
 mentally entertained in compensation.
 3:35 Consume cookie from AO. clear as a bell but
 wish I could get out of noticeable but mild
 physical distress.
 5:20 consume two hot sandwiches & beer. ~~all~~ over.

This is marginal but unquestionable real
 effect. - assume effective dose ~ 4 mg as above
 ∴ 146 µg/Kg. ∴ at mesolohn MU=1 3.76 mg/Kg
 this has 26 MU activity

I have read pages _____ to _____ in _____
 notebook and understand their content
 There are no blank pages, except _____
 All entries are in the handwriting _____

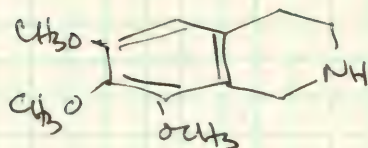
Signed: _____ Date: _____
 Signed: _____ Date: _____

SUBJECT

Subacute effects Anhalinine.

BOOK NO.

PAGE



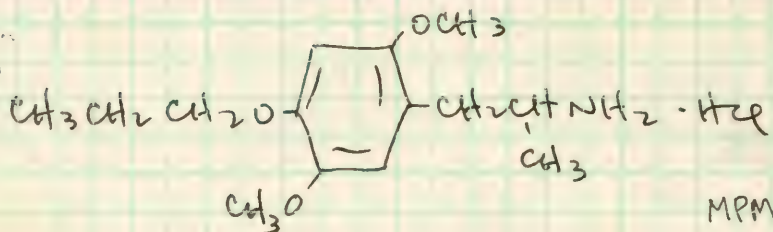
. Hze.

see XV-170.

date.	dose	time	comments.
11/12/63	0.5 mg	6:12 AM.	nothing.
11/14/63	1.7 mg	11:05 AM.	nothing.
11/27/63	2.6 mg	6:52 AM.	at 4:30 PM - vigorous diarrhea but then, hot salami sandwich and beer at noon. -∴ no effect.
12/2/63	4.3 mg.	6 AM	DANNY thought I was in a strange mood I didn't - nor did anyone else. ^{no} effect

SUBJECT Subacute evaluation

DATE

See
XV-171A

date	time	dose	comments
11/26/63	3:25 PM	0.3 mg	no effects.
11/27/63	1:15 PM.	0.9 mg	no effects.
11/29/63	6:15 AM 7:35 AM	1.6 mg } 2.5 mg. 1.1 mg }	Probably nothing - some muscular and joint pains - but had been up since 3 AM & was tired - no effects.
12/2/63	8:17 AM	4.2 mg.	no effects.
12/9/63	6:09 AM.	6.6 mg.	no effects - muscular pains and slight headache for 2-3 days following - probably a cold - lay off all compounds for a few days - 12/17/63
12/4/64	7:15 AM	9.4 mg	could kid myself marginal - <u>no effect</u>
3/20/67	9:45 AM.	11.6 mg.	no effect.
8/20/73	10:30 AM	14.0 mg	just barely threshold. this was 16 hrs post-absorb. at 34 hrs - Very pleasant, enjoy the outside, marginal intox (clear behind the lab). My only profound thought; "I could have a P.T. if I wanted to look for one, but I don't". At 4.5 hrs out. Thus - maybe a bit slower in action than MEM, TMA 2. On page 151, 11 mg TMA = rich threshold (at 20 M.V., 20 mg = active dose here - 17 = active threshold? ∴ 2/3, ∴ 14 M.V.??
5/13/77	9:00 AM	20 mg	[1:00] early morning? - n.e.

SUBJECT

Further effects of MDMA-2.

Report of GRADYS

9/3/63

had previously taken 7 mg - no effect.
 15 mg - +10

also see ^{P.} 109.

Total 25 mg. Stomach cramps were
 primary physical complaint

Found effects very unpleasant - had
 distinct mental aberrations - claimed as
 equivalent to 200 or 400 mg mescaline sulfate,
 i.e., effective dose.

as he is perhaps 70 Kg and this is ≈ 21 mg base
 he took 0.3 mg / Kg. - I shall keep
 the effective dose, still at ≈ 0.2 mg / Kg -
 this still is ≈ 20 M.U.'s.

Further effects of MDMA 3-a

Report by GRADYS

first week or so
November, 1963

dosage 20 mg no physical distress - at 1 hr.
 distinct euphoria - peak at 3 to 4 hrs -
 took sleeping pills at 6 hrs. felt to be
 somewhat more than marginal - not full.

in this - he confirms nicely my page 66
 results at 20 mg.

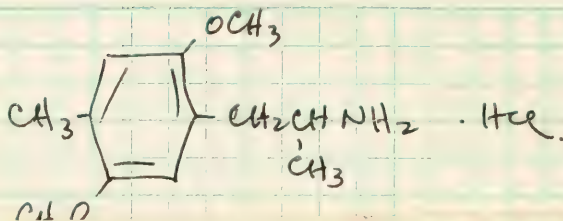
MDMA 3-a is distinctly (though slightly) less
 potent than MDMA 2.

also
 stated ≈ 140 TMA

SUBJECT

nor-oxy-4-TMA-2.

DATE

see XV-178

lets call it DOM

s-oxy methyl

OK on this page I shall have
expressed it to you then it

date

to

12/1/63

3:2

1/6/64

7:11

in some that DOM has

the glory and the same symbol

up in it. All that's needed

to insert it is to understand

with a more history

even for a few hours.

for that human for that

have all the same things

and make clear.

10 AM aware of
thically

12 eat - rather

I don't all -

18 6 miles yesterday

- page 88

1/9/64

7:0

2/3/64

GRAC

between

2/3/64

3/10/64

HV

2/8/64

G-ADY

- no effect for

1 peaked 8-9-

mescaline

400 mg mescaline

11/6/64

JAY

02

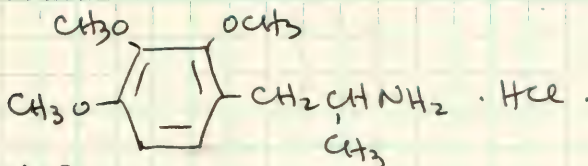
sta

SUBJECT

Sub-acute evaluation.

BOOK NO.

MW 225 + HCl → 260.5



TMA-3

see XVI-13

date	time	dose	comments
1/4/64	12:20 P.M.	0.5 mg	no effect.
	1:30 P.M.	2.5 mg	Σ 3.0 mg - no effect.
1/12/64	2:00 P.M.	6.2 mg.	14 hrs. no food - no effect
1/14/64	7:35 A.M.	10.6 mg	no effect whatsoever. (113 μg/Kg) ^{as base}
1/20/64	7:00 A.M.	15.1 mg	no dilatation, no effect. (161 μg/Kg)
1/22/64	7:07 A.M.	20.6 mg	at 8:31 possible touch light headedness - otherwise no assignable effect. (220 μg/Kg)
1/28/64	7:00 A.M.	26.6 mg	trivial if any - must say, no effect ^{at 300 μg/Kg} _{at 77 μg/Kg}
1/31/64	7:10 A.M.	36.5 mg	no effect - light diarrhea 2 hrs - headache P.M.
2/5/64	6:50 A.M.	51.1 mg	0
	8:40 A.M.	12.1 mg	1:50
	9:45 A.M.	14.8 mg	2:55 Σ 78 mg
no effect - no dilatation - no diarrhea no believable diversion from complete normalcy. normal appetite			
~ 8/67 KOZ.	~ 100 mg - physical effects - no psychosis		

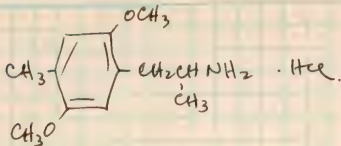
TMA-3 (≈ 100 mg ?) Physical sensations comparable to 100g LSD,
with no psychological effect, or threshold:
passivity, mostly. Duration about 12 hrs.

this is < 2 M.V. ^{0.0 = 1.87 mg/Kg}
end of trials - no more.

SUBJECT

nor-oxy-4-TMA-2.

DATE



see XV-178

lets call it Dom
[4] des-oxy methyl

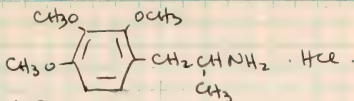
date	time	dose	comments.
12/1/63	3:22 PM.	0.2 mg.	no effect.
1/6/64	7:10 AM.	1.0 mg	almost certainly an effect !! ~10 AM aware of slight drowsiness in mouth - eyes noticeably dilated - some falling overall - 12 eat - rather clears up. 2 PM certain OK and I doubt all - PM. fine - hip muscles hurt but I hiked 6 miles yesterday.
1/9/64	7:05 AM.	1.4 mg	very definitely effective see page 88
2/3/64	GRADYS	2.3 mg	effective. see page 92
between 2/2/64 and 2/10/64	HUPH	2.5 mg	trivial effect.
2/8/64	PLADYS	3.8 mg	effective - initial communication - no effect for 5 hrs: had given up - it hit and peaked 8-9 - down at 10-11 - no color but mescaline rarely shows color. Equates to 300-400 mg mescaline
11/6/64	JAY	4.1 mg.	thoroughly effective see page 102

Studies continued on p. 212

SUBJECT

Sub-acute evaluation.

MW 225 + HCl → 260.5

see XVI-13

TMA-3

date	time	dose	comments
1/4/64	12:20 P.M.	0.5 mg	no effect.
	1:30 P.M.	2.5 mg	Σ 3.0 mg - no effect.
1/12/64	2:00 PM	6.2 mg.	X has no food - no effect
1/14/64	7:35 AM	10.6 mg	no effect whatsoever. (113 μg/Kg) ^{as base}
1/20/64	7:00 AM	15.1 mg	no dilation, no effect. (161 μg/Kg)
1/22/64	7:07 AM	20.6 mg	at 8:31 possible touch light-headedness - otherwise no assignable effect. (220 μg/Kg)
1/28/64	7:00 AM	26.6 mg	trivial if any - must say, no effect ^{at 300 μg/Kg} _{at 77 Kg.}
1/31/64	7:10 AM	36.5 mg	no effect - light diarrhea 2 hrs - headache PM.
2/5/64	6:50 AM	51.1 mg	0
	8:40 AM	12.1 mg	1:50
	9:45 AM	14.8 mg	2:55 Σ 78 mg

no effect - no dilation - no diarrhea
no noticeable diversion from
complete normalcy. normal
affiliate

~ 8/67 KOZ. ~ 100 mg - physical effects - no psychosis.

➤ This level, of MDMA for example (see page 21-22) very distinctly active - even at 55 mg very noticeable.

this is ∴ < MDMA - as first noticeable is going to be
> 100 or > 80 as free base / 76 Kg is > 1 mg/Kg as base
effect must be ≥ 2 mg/Kg - as M.V. of 2.0 = 1.87 mg/Kg
this is < 2 M.V.

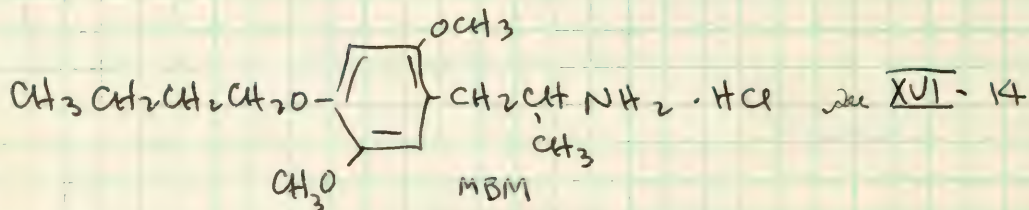
end of trials - no more.

SUBJECT

Subacute evaluation.

BOOK NO.

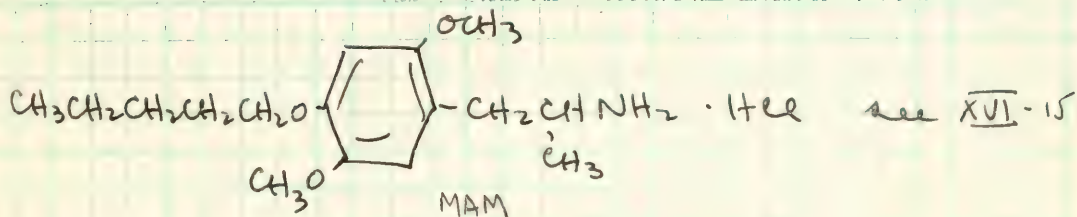
DATE



date	time	dose	results.
1/7/64	7:00 AM	~150 µg	no effect.
1/16/64	7:10 AM	1.1 mg	no effect.
2/3/64	7:15 AM	2.0 mg	no effect.
8/25/73	12:45 PM	4.0 mg	no effect.
8/28/73	12:00 AM	7.5 mg	no effects.
11/14/73	12:00 AM	12.5 mg	no effect.

SUBJECT

Subacute evaluation



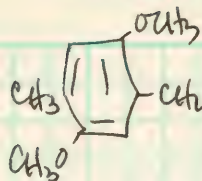
Aug 24 1973	10 AM.	1.0 mg.	N.E.
Aug 27 1973	10 AM	2.0 mg	N.E.
Sept 2 1973	11:20 AM.	4.0 mg	N.E.
Oct 7 1973	10:15 AM.	8.0 mg	N.E.
Nov 13 1973	9:35 AM.	12.8 mg	N.E.
Nov 27 1973	10:30 AM	16.0 mg	

at 3.40 hrs (2:50 PM) furrow in chest
 & head, no pulse change, no mydriasis—
 at 4:15 hrs (2:45 PM) all quiet. ∴ N.E.

SUBJECT

Subjective effects of DOM.

DATE Jan 9 1964



XVI-178-

4-desoxy methyl TMA-2

Dosage - dissolved 1.6 mg as $\cdot HCl$ in H_2O - pipetted out $1/8 \rightarrow 1.4$ mg
 computed down to free base 1.19 mg call 1.2
 at currently 180 lbs $\rightarrow$ 81 Kg = .0147 mg - 14.7 μg /Kg
 thus - assume initial at 11 μg /Kg - max
 differentiate at 20 μg /Kg - ~~max~~ and effective
 (useful) at 17 μg /Kg = 220 MU. ! This is too optimistic
 probably ~ 120 better value

Times corrected to 0 hrs at 7:05 - moment of ingestion.

1:15 - am talking to AM in his office - am suddenly aware of warm flushing and tingling in gen. relia - the usual hint that I am going to be sick. My mouth is very dry. I want to leave and tell AO but I cannot for several minutes.

2:05 - teeth are quite rubbery - there is the feeling of heavy pressure on the ears - as if some one were squeezing my head - mouth has the taste of having smoked far too much the night before - (haven't smoked since 1962 - no ~~stop~~ ~~smoke~~ for 9 days). I would like to go outside and run away but I am afraid my heart wouldn't take it.

3:15 Morning is creeping along - I feel I am paying a physical price without any mentally distorted reward - I feel at this point - at a somewhat higher dose - this will be a psychotomimetic.

3:35 To greenhouse - distinct pleasure in looking at the lush salvia divinorum - the smell fits the appearance - signs of visual distortion - at a

SUBJECT

DATE

TIME

somewhat higher dose things would creep and crawl.

4:00 Still at it - considerable hyperventilation - eyes dilated 10-15% over normal

4:25 I think I start out here - do not have any desire to eat but I do eat - and complete my lunch (chicken, banana, apple.)

7:10 eyes ~20% dilated - I am still shaky as if my body had had a vigorous drug blow - but mentally I am OK. - ~~me~~

one or two more awarenesses in afternoon (at ~8, ~9 hrs) P.M. fine.
next A.M. fine.

MMDA - Responses. late - 1962

MMDA Experience

One half hour after taking a dose of MMDA, I felt some nausea. This lasted for a short period (15-20 minutes) and seemed to be connected with cigarette smoking, which was discontinued for the rest of the day.

Then there came a temperature change - I had some chills and felt somewhat dizzy.

Finally my whole body became relaxed, languid. A wonderful feeling of peace and well being came about. It was just a joyous feeling. Every one and everything around was harmonious.

The colors were overwhelmingly
I've never seen them so vividly

SUBJECT

before. They seemed to take it
on another dimension.

I've lost its meaning.

Reflexes, senses, body movements
all seemed normal.

The only difficulty I experienced
was at the beginning of the day,
trying to light a cigarette.

It took time as long, it
couldn't seem to judge
the distance correctly, between
the match and cigarette.

It was a most beautiful
experience. Cakes

M.M.D.A.

writing

COWBOY

RECEIVED GOOD FEELINGS FROM
DOSE, WHICH LASTED FOUR TO SIX HOURS.
SEEMINGLY ABLE TO CONCENTRATE
ON THINGS MORE SO THAN USUAL.
FEELINGS OF PEACE, QUIET, AND
CONTENTMENT. LOVELY FEELINGS
FOR EVERYTHING.

Dear Susan -

A quick report on Dom, since even if I called you would want something written.

1.0 mg, no effect, perhaps slight mood elevation.

1.5 mg slight mood elevation, a little greater than before.

3 Feb 2.3 mg. Mood elevation at 2-3 hours, after 3 hrs emotional effects became more pronounced, enhancement of color also.

Very little distortion of perspective, no disorientation, no creeping or floating, but color enhancement considerable. The emotional content and empathy for others was closer to ~~and~~ mescaline than to amphetamine, a welcome change.

I would judge that this dose was comparable to 100-120 mg of TMA, (i.e. ~50X) but qualitatively different, in the direction of psilocybin or mescaline. No

suggestion of nausea at any time; toward the end, 4-7 hours, some intestinal gas and flatulence, perhaps not directly attributable to the drug. Major effects declining at 8 hrs. Unable to sleep at 9-10 hrs, took $\frac{3}{4}$ grains Secunal.

Headache next morning, and listless, more probably attributable to Secunal.

I would put mean effective dose = 3.0 mg, (mescaline ≈ 330), or $\sim 100 \times$ mescaline.

He is a good one!

✓ ERROR - HE HAS NEVER RECEIVED THIS FROM ME. HE MEANS 2,4,5 or 2,3,4. By phone, he meant 2,3,4. 1/5/64

As for 3 methoxy, 4,5 methylene dioxy β phenethylamine, I

am up to 65 mg with nothing more than a very pleasant mood elevation.

I'm not sure I have enough material to go higher than this, or, for that matter whether it is worth it with Dom here. Worth it for the record.

I trust you will have gone another factor of 10 by the time you get this.

Have the mescaline in Dom? Replicate

GLADYS

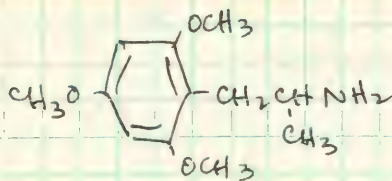
Subacute evaluation

BOOK NO.

SUBJECT

~~Subjective effects~~ TMA-6

DATE



TMA-6

XVI-21

date time dose results.

TMA-6

epin LSD

- | | | | |
|----------|------------------|----------------|--------------------------|
| 1. (AS) | { 15 mg
15 mg | > 25x
50-75 | |
| 2. (BO) | 30 mg | 50 " | |
| 3. (BP) | 40 mg | 100 " | |
| 4. (BA) | 40 " | 75 " | |
| 5. (BQ) | 40 " | 50-75 " | |
| 6. (AF) | 60 " | 100 " | |
| 7. (BR) | 60 " | 100-150 " | |
| 8. (AJ) | 60 " | 150 " | |
| 9. (AV) | 60 " | 100 " | (< 40 mg TMA-2) |
| 10. (BS) | 60 " | 100 " | |
| 11. (AT) | 60 " | 100 " | (≈ 60 mg TMA-2) |
| 12. (AD) | 70 " | 75-100 " | |
| 13. (BT) | 80 " | 100 " | |
| 14. (BL) | 80 " | 100-150 " | |
| 15. " | 60 " | 75-100 " | |

only - no effect.

there were be
s aure of
2 with
- effect
ated -

maybe this is
valued!page.
dose see 98marginal?
?? some

asant

ly LSD.

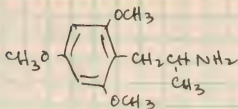
! discrimination between 60 mg and 80 mg

FOLDOUT BLANK

SUBJECT

BOOK NO.

Subacute evaluation
~~Subjective effects~~ TMA-6



TMA-6

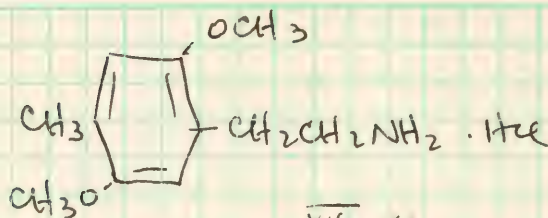
XVI-21

date	time	dose	results.
2/26/64	6:00 AM.	0.4 mg	no effects.
3/28/64	8:30 AM	1.2 mg	no effects.
5/21/64	7:05 AM	2.5 mg	could kid myself - have stargy - go slowly - no effect.
5/27/64	7:00 AM	3.8 mg	slight shakes at noon - no effect.
7/1/64	7:20 AM	5.5 mg	possible threshold level - at 8:30 there were the transient vertigo flashes - at 9:10 was aware of some inco. sat through seminar 10:30-12 with marginal discomfort. ~~At~~ Ate lunch - ~~after~~ worries of nausea - no nausea - bloated - early afternoon back to normal. maybe this is valid!
7/7/64	7:10 AM 9:10 AM	7.8 mg 3.6 mg	Σ 11.4 mg marginally effective dose see 98
2/6/66 N3, 5, 66	tried 2/10/66	11 mg 18 mg 16.3	we stated tried a few days earlier - marginal? nearly convincing threshold ??? some eyes-closed imagery
~7/3/66	via KOZ	30 mg + 30 mg	active - visually. not pleasant
1/3/67	CLACK 5:00 PM.	26 mg	active
	via KOZ	90 mg	- little effects - 2 psychiatrists
		60 mg	- mild
		40 mg	- in chit. I am going crazy $\approx$ 100 mg LSD.

SUBJECT

Subacute evaluation.

DATE



the 2-carbon
analog of DOM.

XVI-43

date	time	amt.	effect.
3/2/64	7:00 AM	0.3 mg	no effect.
5/6/65	6:00 AM	0.75 mg	no effect.
5/30/65	12:15 PM	1.4 mg	1:20 - funny taste in mouth - no eye dil. no effect.
7/22/65	6:20 AM	2.7 mg	no effect.
8/24/65	7:00 AM.	4.5 mg	9:00 teeth rubbing - thats all - no effect.

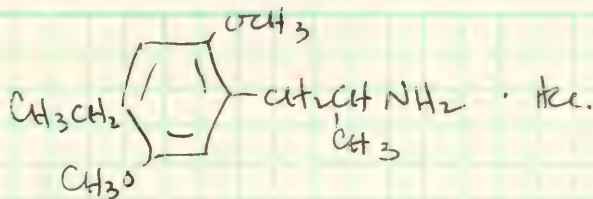
See more complete notes on page 175

SUBJECT

Subacute evaluation.

NOTE NO

DATE



DOE.

date time amt effect.

Date Feb. 1964 - ~.2mg no effect.

3/16/64 7:20 AM 0.5mg ~Σ 0.7mg - possibly a wee bit starchy
 9:00 AM 0.2mg and strange at 9:00 - no more - no effect.

~7/24/64 7:00 AM 1.0mg (weighed out - into water 1mg/g - vol.)
 at 9:00 AM decline more - there is a
 believable disturbance 9-12 noon - A
 think - but this is a marginal level.
 If so - is more effective than DOM - maybe

8/27/65 7:00 AM 1.5mg (HE) This is an unmistakably effective dose: see
 P. 110

~9/28/65 1.7mg (GLADYS) yes yes - see p 111.

1.7mg (GLADYS) (day met ERIN)

1.0mg ARS (Monday - after Sat in Reno).

~4/8/67. 7:45 AM 0.7mg ALP-ED at ~12 AM apptly - build up of malar
 fever - outside - better at 3 PM - malarial
 5:30 PM - fever - then to work - but head -
 ache - etc. next day PM OK - but still

~1971 2.0mg BU IV - intense and immediate response -
 with an overwhelming effect equated to
 at least 250 µg LSD. None of the
 Snyder "non hallucinogenic" enigma -
 this was dramatically hallucinogenic and
 disruptive.

See page 213

SUBJECT

Trials of S. divinorum

BOOK NO.

DATE

see page 63

base on
960g → 30g.Injection of "salvose" - the glassy extract from
the first annual workup.dateamtleaf. equiv.effects.

6/9/64

7:35

0.22 g

g

E.

15 g

none

8:45

0.25

g

6/12/64

6:55

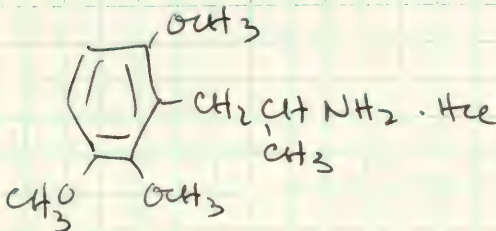
0.6 g

g

20 g

none

Subacute evaluation



TMA-5.

date amt. effects & comments.

7/2/64 7:20 AM 0.2 mg
10:55 0.3 mg
11:50 0.3 mg

no effect or what must be considered
effectively ~ 0.6 - 0.7 - nothing

8/5/64. 7:25 Am 1.0 mg no effect.

8/14/64 7:30 AM 2.2 mg)
9:00 AM 2.0 mg) E 4.2 mg no effect.

9/3/64 7:10 AM 7.0 mg very bitter - no effect.

9/17/64 8:10 AM 10.1 mg)
9:25 AM 3.7 mg) Σ 13.8 mg I could kid myself $\bar{c}$ activity - not
probably real - no eye, etc. no effort.

9/30/64 8:40 AM 18.2 mg 10:30 appearance of slight stimulation - 11:30 hint of eye dilatation pulse 84. If this is the marginal edge of intoxic. then this is not a psychotomimetic but is a stimulant - go carefully.

08/67 C.N. ~ 100 mg 30 mg $\rightarrow$ ~ 70 μ g LSD

TMA-5 30 mg Longow and intense introspection.
Duration 8-10 hrs.

Comparable to ± 75 & L50, or more.

Subjective Response to TMA-6.
see page 92

July 7, 1964

Chronology. - corrected back to 7:10 AM = 0 hr.

0 hr. 7.8 mg. in H₂O orally - virtually no taste. no eye dilation & no indication of any effects

1.5 hr. eat doughnut - 1st food 12 hrs..

2.0 hr. 3.6 mg. no further effect.

4.0 hrs. had concluded that there was to be no effect - decided not to supplement dose however, as there was the slightest indication of pupillary dilation. I tell AO of failure.

4.3 hrs. 1st distinct awareness of physical and mental effects. Very disturbed as this ~~is~~ indeed may be the crest of activity showing up and will subside - ~~or~~ or this may be start of a much slower onsetting action. warmth in base of belly

4.8 hrs. Eat lunch - no difficulty, unlike low levels of mescaline. when eating (mouthing) of food is virtually impossible. I was logorrheic in my discussions during lunch - seemed to be able to think clearly but still held to much anxiety. I remember the interesting urge to be ill, but not from the top of my stomach but from the bottom. Consequently vomiting would be

SUBJECT

DATE

unless in relief, and had to urinate to release. There was no movement of things, no color effects, no paraesthesias.

6 hrs. Accepted opportunity to go to Western Regional Lab $\bar{c}$ AQ - However the question of crest vs. onset of long action (DE) was not resolved so withdrew and stayed $\bar{c}$ AO. Since his LSD he is an excellent understanding observer. I don't know if I could count on AQ. At least at this moment I didn't want to.

6.3 hrs. First completely clear moment - 10 minutes or so. It was comforting to know it would clear.

~ 8 hrs. all O.K. - felt quite tired - home - 2 drinks - good dinner - hot shower and slept excellently.

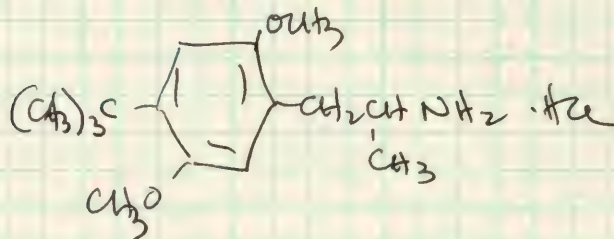
48 hrs. just woke - absolutely nothing.

This material appears to be of about the same potency, although considerably slower acting, as (than) TMA-2, of which I was occasionally reminded. Activity thus in the 15-20 M.U. level.

SUBJECT

Subacute Evaluation.

DATE



DOTB

XVI-III A

Date	Time	Dose	Comment
5/7/64	7:20 AM	10 y	-
	9:20 AM	15 y	- 25 y - no effect. (this by 1.2 mg + 17 g. Ho. 100 mg soln = 10 y)
8/11/64	7:20 AM	50 y	-
	8:40 AM	50 y	- 100 y - no effect.
8/15/64	8:30 AM	150 y	-
	9:40 AM	100 y	- 250 y - no effect.
9/10/64	7:40 AM	400 y	- no effect.
11/7/72	10:20 AM	700 y	- no effects. (3 PM - facial flushing!) - N.E.
11/10/72	9:45 PM	1.1 mg	- no effects.
11/14/72	11:00 AM	1.5 mg	- no effects - nothing! — (Sunday).
11/15/72	7:20 AM	2.5 mg	- about a week (or two or three) ago I know I took about 2.4 mg of DOTB - as I recall I thought it sweet, and was a bit stimulated (social) in PM? This is not particularly sweet (a bit bitter) - and again was I maybe a bit more stimulated in afternoon? - Probably no effect.
1/30/73	7:20 AM	3.5 mg	- no effects (couldn't sleep that night until 3 AM but then - 3 cups of coffee at dawn and before this ACT-1 plus (you can't take it with you) notebook and understand their contents. There are no blank pages, except ----- All entries are in the handwriting of -----
8/6/73	12 noon	5.0 mg	- no effects.
2/25/74	1:35 PM	8.0 mg	- no effects. (bitter, if anything). (<12)
3/5/76	11:15 AM	11.0 mg	- no effects
8/21/76	12:00 noon	16.0 mg	- n.e.
11/24/77	7:50 AM	25.0 mg	- n.e.

yes - formal note, 2.4 mg 6:50 AM
December 20, 1972 - tasted sweet.

Signed: _____ Date: _____

Signed: _____ Date: _____

SUBJECT

Animal Pharmacology on DOM.

BOOK NO.

DATE

Jan 22, 1964. white mice (FLORENCE) (B.A.)

40 mg/Kg (IP) - 15 minutes - shakes - in 0.5 hr. all animals have developed a strange shimmer, their eyes half closed. For the next hour they keep moving but in a scrunched up manner. ~~Complete~~ ^{Apparent} recovery after another 2 hrs. AM OK - no dead. 0/5

60 mg/Kg (IP) - 10-15 minutes there was head vibration - by 30 minutes there was a wild continuous leaping and compulsive somersaulting. For the next hour - clawing, vocalization. A.M. 1/3 dead - others slowly ~~recover~~ recover.

80 mg/Kg (IP) - 5 min compulsive chewing; 9 minutes 1/4 dead second ~~at~~ at 15 minutes. Others $\bar{c}$ severe clawing (all 4 feet) at 1.25 hrs 3/4 a.m. 4/4 dead.

160 mg/Kg (IP) 5 min 2/5 14 min 5/5 dead.

Jan 31, 1964 - 2/18/64 New Zealand Rabbits (Eble)

1 mg/Kg (IV) 2 rabbits - both showed tremor, difficult respiration, some cyanosis. 24 hrs - all normal.

2 1/2 mg/Kg IV. 2/2 dead

5 mg/Kg IV. 2/2

10 mg/Kg IV. 1/2

DOM

64,11,06

Sub: JACK

Time AM

Administered 4.1 mg

10:50 - 0

↑
11/6/64

Test effects -

11:20 - :30

Shivering

Psychic Effects -

Sunb
in air.

Extended Time

12:20 - 1:30

might have noticed earlier
if not conditioned

Full Blown - - -

1:20 - 2:30

Detachment

Sweated like Heavens

Cold?

Unfortunate shudder

Tight Jaws, relaxing -

1:30 - 2:40

Not Cold or anything

Little ataxia, can overcome

3d effects, B&W reversal, finger

all these things can control

Eff. time Controlled

Not looking forward to doing it

tomorrow or regularly

Not motivated to sharing experiences

Pulse ~ 80

Sweating normal

More sweating (like any bet time)

After 4.1 mg (1st, 1st, 1st)

Like Coughing after these Narcotics

Feels a little sick

Time near like next day

2:00

3:10

Tight jaw

slight rejuvenitation - feels better - not sick
 Experience becomes pleasant (GREAT)

no sun like this
 Visual experience - fragile hallucination
 Pulmonary colors, pastels
 Merging of color different - can't describe
 Dreams come late

Beautiful Experience

You MUST try it

Like nothing else ever experienced

Not as loaded as 2 hrs ago

Not really high

Detachment from but fascination with
 a perceptual change — The Clouds!

Dynamic experience —

Feels good also —

7:10

Eyes dilated

He said (12/10/64)
 that of mescaline, peyote,
 LSD, cannabis - all -
this ranks number 1

no sick (1-1/2 hrs of most)

normal & pleasant.

normally, no color & mez

AM - all OK.

SUBJECT

Additional data MMDA.

BOOK NO.

DATE

Lot #2

date	amt	~~notes~~ ^{time}	notes
------	-----	----------------------------------	-------

5/16/65	4.8 mg	1:50 PM.	nothing.
	20.2 mg	3:00 PM	Σ 25 mg. (ATS) nothing.

This lot to AC (BEV) for work of August 1965. also to Hilltop for their pharmacology.

SUBJECT

Subjective to MDMA.

DATE

Subject KOZ

Obs. BV, ♀ friend.

Amt. 100 mg / the

date. ~ 6/5/65.

Could have believed that the mild euphoria was him, that day, but he knows it's MDMA → Took great pleasure in being open and talking about his own life.

- Pleasure of sharing his life with the others present.
- how can we describe this state of inspired and enjoyable ability to communicate, of communication.
- there were no autonomic problems at all.
- enjoyment of being one's own center, of being authentic.
- At one time (~5 hrs?) = eyes closed, one color-view.

Subject ♀ friend BV (Bija)

Obs. KOZ, BV = 300 mg Harmaline

Amt. 100 mg

date ~ 6/5/65.

- suggest to KOZ that ♀ = 10 µg LSD might be more sympathetic to BV = harmaline. Use MDMA instead.

- for 4-5 hrs. sat cross-legged without moving, a beautiful smile on face
- seemed ecstatic - could not be bothered to close eyes.
- at 4.5 hrs lay down, closed eyes and somewhat structured visions came. No fight to avoid or escape these visions.

BV's recount of ♀ friend's affects
See page 116

SUBJECT

Subjective DOM.

Subject JACK
date ~ 6/1/65
4.9 mg.
in L.A.

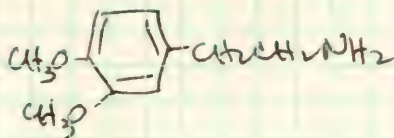
→ distinctive visual effects - but could check them out with a clear mind.

→ feels the psychic aspects overrated more an effect on eye systems, or on retina. As if the color sections were affected separately.

→ Chronology - again in two peaks - one is at normal time, and might be missed as it is quite inconspicuous. The other occurs after several hours.

→ By his own admission, this was an extremely emotional period (had just lost his young son) and he perhaps was ~~quite~~ incapable of psychic response.

Subjective evaluation



date and time notes.

7/2/65 1.9 mg 5:00 AM
 + 2.7 mg 5:40
 + 4.0 mg 6:50 Σ 8.6 mg no effects whatsoever

6/7/65 12.9 mg 6:40 am no effect. sent 5g Naranjo.

7/13/65 20.8 mg 10:50 am no effect.

~7/65 KBZ 10 mg
 + 2 days 50 mg
 + 2 days 100 mg
 + 2 days 200 mg
 + 7 days 500 mg - all with no effects whatsoever.
 he at 66 Kg $\rightarrow$ 7.5 mg/Kg.

~7/65 XX 500 mg no effects

~7/65 YY 500 mg no effects.

4/26/67 GRAYS 1.0 mg IV no effect.

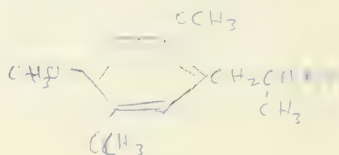
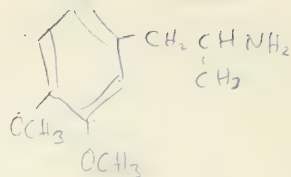
4/27/67. ATS 2.0 mg IV no effect.

5/2/67 11A 1PM 5mg IV no effect (here & now at 3PM?)

5/2/67 ATS 4:30 PM 10 mg IV - (anest 1 min -) no effect).

T.S. 2 TMA-2

2,4,5 trimethoxy amphetamine

5th inst
at 60 kg

150 mg/Kg

24 July 1962

10.0 mg oral 6⁴⁵ pm (15 min before dinner)

0.5

7¹⁵ pm - (15 min after dinner started) aware of beginning of effect

1:15

8⁰⁰ pm - (At poetry reading) Effects clearly beginning now.3¹⁵10⁰⁰ pm - Peak of effect. Approx equivalent to 250mg mesalinebut ~~not~~ ^{not} agitated lack of empathy of TMA either.Perhaps ^{most} like ~~psilocybin~~ ^{psilocybin}. Strong emotional effects

as with LSD, empathy. Strong color effects, little if

any ~~visual~~ ^{visual} distortions; ~~perceptual~~ ^{perceptual}

odd, areas tending to black out slightly as if a black cloud of steam had momentarily appeared in the peripheral vision. No anxiety, but I could see how a dose 2 1/2 times as large (as Sasha took) would ~~produce~~ ^{produce} anxiety, as I could project the effects of TMA to the "hostile" reactions that others get at large doses.

12³⁰ pm, bed - took1:00 AM ~~normal~~

no stomach issues

at least as
much as 100.

11 Sept 63

Sasha -

GLADYS C MMDA-2

Two enclosures - 1) the reprint you wanted
2) my naive (chemically) mind relates usnic acid in some vague way to Gini's compounds; possible chemical precursor?

Cmpd #2 test; 25 mg. (First 7.5 mg., no effect)
TMA, like mescaline, has the same jangly not-too-pleasant TMA effect; I had no rage reaction to this or to TMA. Definitely not like mescaline. Duration; onset ~ 1½ hrs (dose after lunch), acute 3 to 4 hours, second at 9 1/2 hours to stop residual effects so I could sleep. Occasionally from 5 to 10 hrs acute abdominal distress, resembling gas pains but unable to defecate. Abdominal muscles tight and hard. This occurred for about 15 minutes every hour or so. Rather unpleasant. If 3a does not have this effect, I would much prefer it without that methyl group, i.e., the mescaline analog instead.

We should get together again soon; HOWIE will be in a lull for a while until her teaching gets settled into some kind of groove.

Tried HUGH'S Stropharia; 50 fruit produced effect approximately like 300-400 mg mescaline. I thought not as pleasant.

See yru

GLADYS

Response to DOE

DATE 8/28/65.

Experimental date 8/21/65.

Consumed 1.5 mg of DOE-Hce at 7:00 AM. This was fairly accurately measured by weighing out more and diluting in water (1 cc/mg) and taking 1.5 cc (g) of the solution.

Chronology of events

Time	Normalized.	Event.
7:00 AM	- 0 -	ingest.
9:00 - 9:30	2 - 2 1/2	Aware of tingling
10:00	3	some visual effects, subtle, as the sparkle.
11:00	4	Start the ebullition, the mood and gaiety. Really high. some colors.
12:00	5	bridge (!)
2:00 PM.	7	some of the visual subsides - mood still & trying to place events (WOW!) no visual, but still uninhibited
4:00	9.	mood (as in ethanol) - bubbling still
6:00	11	} energy galore - talk, talk, talk -
10:00	15	
11:00	16	to bed in anaesthesia of wine.
6:00 AM	23	out of it after sleep - no exhaustion.

This is without doubt the most effective, potent energizer that I have ever experienced. It certainly should be exploited.

ON

Details on DOE continued:

The effect of DOE on the mood is certainly the most startling. Although I was aware of almost hyperthyroidism in the period 4-10 hrs., the effects were clearly visible by Nina on into the evening (to 16 hrs.). She described my behavior as a wound up record that went on and on, and at the end someone picked up the arm, and placed it at the start again.

There was a drunk-like loss of inhibition to all behavior and speech. At bridge (5 hrs) I bid 3 H over an opening 1 H (from my right) to see AO's resources. He alone was aware of the experiment. (I held the inadequate 7 heart suit to the AQ109, an outside singleton, an Ax of ♠ and 3 losing diamonds). There was the joy of experimenting with others.

Not too much sensory change, except for the apparent sparkle on everything. It was like looking across the ripply lake towards the sun. Every bit of light reflex in hand some degree of enhancement. Color changes were not noted, although the texture of the face (AO) was distorted.

- Pretty clear most of the time - this was the date of XENON's leaving for New Jersey, and it was during the day, that word got around the lab. As I had been told in confidence, and I was not sure who officially knew or not, and I was somewhat unreal & DOE, I felt quite confused. However, this day also I had the academic problems of dextroamphetamine, making DCE etc, and these were kept clear.

At perhaps 3 PM there was muscular problems in the legs at 4pm my familiar kidney pains. After dinner (6 PM) all was fine and no more problems.

GLADYS ~ 9/28/65 1.7 mg. HCl - intense lethargy - got absolutely nothing done all day - next day suffered the most profound depression he has ever suffered. Possibly DOE at fault.

MOOD

MOOD

MOOD

MOOD

SUBJECT

GLADYS m MEM.

DATE

MEM

7.5 mg no effect, or very slight at most.

12.5 mg 12³⁰ pm 18 Aug 65 Lunch eaten approx. 10 min later.

4-6 pm, peak of effect. Just above threshold.

Effects wave-like, come and went. Color and sound enhancement; empathy not marked, but not markedly absent either. At one point got flickering of peripheral vision, but only briefly. To some extent prey to anxiety and paranoid "premonitions". Completely down by 10³⁰ pm.

~~This threshold~~ is less than the threshold of TMA-2 at this
not up to TMA-2 thresholdwise.

$$\begin{array}{c} 12 \\ \text{MEM} \end{array} \approx \begin{array}{c} 9 \\ 10 \end{array} \text{ TMA-2}$$

or better.

TMA-2 (at 10) > MEM at 12.5

SUBJECT MMDA ex Chile via KOZ

KOZ Subject
200 mg.
~ July 1965

Anxiety; insight (upon which he elaborated to great detail; could turn on and off at will -

Had tea w his mother, and she had no indication of intoxication.

Generally unpleasant - formed himself concerned more with personal life, less with mythology which (the latter) is what he prefers and experiences under other drugs.

A defensive
Scientific Med student
background; yage
also yage (harmaline)
→ mescaline

250 mg MMDA. ~ July 1965

background

called in panic - by time
KOZ arrived, was happy - was doing
pseudocalothecis. very pleased
with himself

→ rebelled against suggestion
of closing eyes - stated "was a
very bad question". when eyes
were closed, unpleasant feeling
- 2nd hour. rebellion only when
attempt made to delve into the
person.

4th hour - KOZ returns again - subject
was pleased with some of his visual illusions. Specks on wall became
insects.

→ 500 mg Harmaline → unpleasant
→ (c dramatic) bad
vomiting; cats → leopards - anxiety -
open door to interest in taoism - has
become humble - likes studying.

→ 300 harmaline + 200 mescaline
less visual, less feeling - but has
oncepts without images. Colors OK

300 mg MMDA ~ July 1965

enjoy music - immense self-visit -
recognizes love for KOZ. - rights poetry
again. Here KOZ feels high therapeutic
value - eyes closed imagery OK. but
is mainly intensification of feeling.
here is felt to be > mescaline or
LSD.

again - autocontrollable.

♀ subject visually oriented -
Extremely unpleasant history
w harmaline - led to
amnesia, convulsions. w mescaline
"KOZ is monster, also chair is a
monster."

Originally frigid hostile, but a
poet. w harm & m's work → gentle -
but no poetry.

SUBJECT

more MDMA.

DATE

BV

150 mg

11:45 AM

~ Aug 1965

Details onto page 118

general comment - gentle - like pot
not hard like CO_2 , LSD
at noon (15 min)

Some nausea - methadone effects

(30 min) LSD effects in the camp fire.

Felt withdrawn - had cramps in stomach (as with LSD) - the
visual field was lightened with eyes closed.

(1-1.5 hrs) - time slows. - geometric patterns. excess light
kills the eyes-closed patterns

- there is chest numbness, warmth - some vertigo
with eyes open.

- No taste in mouth (LSD yes, mescaline no)

- passive introversion

- people appear on beach - no paranoia (LSD yes)

- after images bright - long lived - 3D corridors, faces
upside down - dry mouth only slight (LSD dry dry)

- some color effects, telepathic maybe - feels could
be useful as an introductory drug.

- Benign - can turn on and off.

2 types of hallucinations.

→ retinal (looking as into a basket)
→ occipital (whole field)

♀ same
time

150 mg easy in, easy out; (giddy, withdrawn)

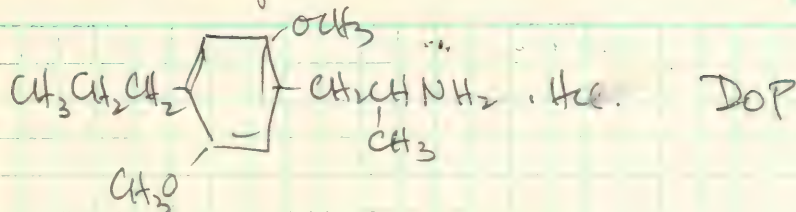
♂ JAY

150 mg Time disorientation (6 hours duration)
afraid to drive car. this report in
original words

He mentions Exodus Chap 30 p. 23.

page 117

SUBJECT: Subjective Effects.



date ant. effect.

10/10/65 0.25mg none at all

10/14/65 9:00 AM 0.45mg no effect.

1/6/66 10:40 AM 0.70mg no effect.

3/13/66 9:30 AM 1.05mg this is a marginally effective dosage
see comments page 124.

7/14/66 GLADYS 0.9mg no effect.

7/31/66 GLADYS 0.8mg marginal - long life - see p132

7/26/67 AIS 1.2mg distinct threshold 7:00 AM - 10 AM shab. . 100%

no temp effie - coming in slowly - 11:15 - ELATED up to down - 11:45

1200 diluted still - outside - rich turn on - 12:50 - coming LINDA

come down at - MARI-YN'S 5 PM - still pretty warm in 4th floor

8/17/67 GLADYS 1.33g Real.

SUBJECT

MMDA -

5/30/65

BOOK NO.

DATE

MMDA

may 31 eclipse day-1965

drugs were taken at 11:30 for KOZ 100 mg BISA 15 LSD and later 40 ritalin

may 30 BISA took MMDA 100 mg while I had harmaline this report concerns BISA -
mmda "dmda"

It seemed to take 45 minutes to work and then came on very suddenly and 'hit' me almost like a blow on the head; as if my eyeballs were being pulled out and my whole head expending; Soon a COLD feeling set in and shivering; this was not unpleasant but was in marked contrast to the Ritalin which gave a warm feeling of activity and verbalization entirely different than this

The cold was as if I was in carbonated water (this occurred as I was having the vision of a carbonated pool of water or nearly at the same time in retrospect) there was no anxiety; then the light seemed to dim in the room - this a retinal phenomenon or having to do with the eclipse? in the Pacific at about 3 pm;

My state in about 2 hrs seemed to be one of empathy and passivity, compassion of an impersonal sort; the music sounded artificial and canned and tinny in contrast to the voices which sounded rich full and finely precisely articulated and melodious

Also I had the impression there was a lot of stuff in my head I was not talking about;

Later when left alone the hallucinations occurred; as clear as any I have had on other hallucinogens; (c)

these were not kaleidoscopic or assembly line or oriental patterns, but life like with vast open spaces (typical of her paintings and essence person patterns) with people moving slowly and realistically much realism; I could conjure up monsters when asked but these had an artificial quality - they were eating something;

other visions of much food preparation and skinning and preparing of animal kind. drying scraping etc; many wild flowers and WIND-streams which were already part of the ocean; I regretted its wearing off; it did so very slowly; I was in a paradise concerned with externals and conforming to the structure we had set up and perfectly satisfied to be all available and all out there with you; the internal things and hallucin later were interesting but the realism and realism? not nearness I think -- of reality was very gratifying; a similar outerness with ritalin but it was more warm and dramatic not so ethereal;

no profound philosophical thoughts but direct sensations which started with physical then emotional; no thoughts or judgements of people or things; no facial distortions (she gets visual and auditory hallucin-sounds of water running, creating 'music' of squeaks etc)

POSSIBLE USES

good for one with a lot of anxiety which shuts him off from experience; those who are full of "I like, or I don't like" they are so preoccupied that they don't see the things out there that are really going on, but project and shut off etc. I had a detached feeling while the ritalin seemed more personal and closely empathetic; sort of chummy and talky and pink tissue, dmda was more like clear mountain air

with LSD my thoughts go circularly, I get caught up in flippant philosophical ideation brain storms almost a mental masturbation

I was so preoccupied by KOZ's answers to my questions that (with ritalin) the images they caused in my mind caused me to be almost physically removed; feel this way KOZ seemed to 'work' to overcome the passivity this dmda induced

6/2/65

MMDA - 6/2/65

about 1/2 dosage

I found this drug not at all like any other ;in the first place there were no appreciable distortions hallucinations or eyes closed imagery;second the mind was quiet;no words explanations comments theories and rational thought subsided; third I was fully aware in present time especially during the first few hours fourth;despite the seeming short action of the substance there is a time disorientation which lasts over six hours which undermines ones judgement in driving a car;so at least 12 hours should elapse before driving is undertaken;

in use of O2-CO2 to potentiate the action of the drug there was a most remarkable effect As though a floor of some sort was dropped from beneath me and yet I was still supported and with this floor dropped a general feeling of anxiety of a free floating type which has been plaguing me for several months;later on a half hour or so later;when I was exploring the area newly empty of anxiety I felt it again for a few moments and then it dropped away for good;I was completely without tension or pressure of any sort;I expect that the effects are similar to that of a tranquilizer or an opiate(although I have experienced neither) except that there has been a long term change as a result;

MMDA JAY co2 and o2 used to set it off

I felt as if a floor of some sort dropped from beneath me and yet I was still supported ;with this floor dropped a sense of free floating anxiety which had been plaguing me for several months

30 min later

when I was exploring the area newly empty of anxiety I felt it again for a few minutes and then it dropped away for good and I was completely without tension or pressure of any sort; like being tranquilized or morphine

but ive never taken either ;there has been a long term change as a result

6/2/65

this drug was like none I have ever taken; no hallucinations and no distortions of what I looked at (I agree with the lack of distortion of outer objects or faces) second;the mind was quiet no words explanations comments theories or rational thoughts fully aware in the present time especially in the first 3 hours there is a time distortion ;6 hours later WHICH UNDERMINES ONES JUDGEMENT IN DRIVING

I misjudged the traffic lights duration etc

MMDA reports

#1 49 yr old male; set relaxed to very slight anxiety over personal emotional matters. SETTING: De Martin beach off Falce-klamath rock 8/29/65 11:45 AM
11:45 150 mg

12:00 slight nausea and methedrine/ritalin like effects

The 3 of us are at the falce river mouth drying seaweed on split redwood
The fire burning preparatory to cooking the rock crab just caught takes on a fantastic appearance

12:10 I withdraw, the talk of the others is too much; she puts on sunburn oil
WOW

12:15 the tiny fairy feet of the flies slight cramp like slight nausea and my visual field starts lighting up

12:20 some vertigo and heaviness and time streches out; numbness in the chest as when an opiate is taken;

Still study geometric patterns; excess lite on closed lids interferes with (retinal) visualization. vertigo only with eyes open

dance of the glittering diamond studded sea waves; increasing motion and beauty
No taste, just passive introversion with large time lag

12:30 people appear on the beach and talk to my companions; I have no paranoia this surprises me;

12:35 trembling after images are very brite and last long; I see a long corridor and faces upside down 3D corridors that bend and recieve me
basket likew with visions at the bottom;

the man will drive and the woman provide; two beauties and crab
thirsty and mouth slightly dry; much less than with ritalin or LSD etc
green to rose after image

NEED A SEMI SLEEP STATE FOR NEUROTICS /PLUS THIS DRUG /so they can let go to its effects better

Increasing landscapes appear inside; inwardly I told her of her beauty and the outward she also responded by looking up at me.

(this is a good introductory drug to the drugs of this class)

to become familiar with the drug state in as gentle as possible a fashion

Later; i see my mother in animated conversation with another woman
this was at 1:30

12:50 to give self res and to cut off the trash and 'worry' so as to enter the semi dream state where you are protected; not as noisy (many) dreams
?as in live? or more?

music or sea

as a structured backdrop against which to go in

bold kneeded wrestler geni probably on waves Like LSD neck barred woman
sits up man upside down face; fabuluos kiss bitter crab and people
million fingered dance of the sea; green apple crunch

I hallucnate lists hungarian rapsody
and then waltzes

then see at 1:30 my mother as above.

Remarks: this substance seems to have a much genteler action than others of this class; perhaps more like Cannabis or psylocybine; there is little paranoia reported by anyone

I noted the hallucinations of two types: one, those which were strictly retia
retinal and more minute and small and influenced by lite and evoked by 'foca
using' on the 'lite' ahead on the retina or lids, and the other those deeper
in the visual tract and occiput which are larger and more global dream like
and when solid are quite dramatic and unforgettable as in meditation.
There is less adrenergic or alerting effect per hallucinatory unit of this
drug as well;

THE HOW CHEMICAL COMPANY
170

REPORT ON MMDA TAKEN September 5, 1965

OCEANA

Since in my walrus type floundering about since then, I've managed to lose all notes made at the time, I'll try to do it by recall and then will undoubtedly find them.

Drug produced light nausea and slight dizziness within about 45 minutes and shortly after began to feel "psychedelic" effect. For awhile felt like mild dose LSD with slight disorientation and visual imagery at closing eyes. Imagry wasn't the vivid, shapp-colors type however, but like a kalaidoscope filled with pastel colored smoke. Reminded me of a gadget seen in New York museum of modern art in which constantly changing swirling colors were projected on a screen. Every now and then across this field floated an unidentifiable black shape/blob. Overall general effect sort of like Rorschach ink blots.

Within an hour I felt my mind snap into advanced gear and attention focus like a laser beam. Felt I KNEW what I was about and was thinking with unusual confidence and clarity. Total focus on NEIL altho my response to him was less involved emotionally than it usually is in sessions. Was unable to cry for him or for self yet felt no hostility towards him or fear--just intellectual sort of endeavor and desire to do something effectual and positive. Was unable to account for some of his behavior and was very curious as to what diagnostic labels it would earn. Had an excess of energy and large overestimation of own strength--felt fully confident that I could hold down my half of NEIL with no trouble until I recalled that this wouldn't be my normal realistic appraisal and then began to force a bit more caution. Could feel my own emotional state being blocked as almost with a physical barrier - knew there was great upset underneath and that it would leak out as drug wore off but was unable to feel it totally.

Time sense was slowed--kept looking at my watch and thinking more time must have passed than actually had, but wasn't disturbed by this. When NEIL began walking around expounding his revelations I became restless - began wondering, wanting information and activity. I realized that as long as there was active action I could focus entirely on outside and was find, but when things slowed down feelings of self coming back were distressing and I was stuck back with me and pain over JAY. Tried to turn it to interest in and learning about NEIL and about the total situation but kept wavering in attention between him and myself. By about 2 pm was ready to start on NEIL again, trying to get him to come down and sort of cut off. He was unable and I took it as sort of a challenge. QUE seemed unwilling to direct him strongly and I finally played on his need to "help" me by giving me an hour with QUE. It worked. Put on the saddest music I could in order to dredge up hurt over JAY and whatever it represents but altho tears were there, it was all dampened and toned down. Knew I was very upset but that knowledge was more upsetting than the upset I knew was there.

Went out to the pool when SURFER and PEGGY came. NEIL was all shaken, pains in chest, unable to breath, felt nausea and choking sensations. Was marching up and down, back and forth like ward patient in a yard. Was disturbed by this and went to tune the guitar on the piano with GLADYS. Felt BZ being annoyed by me in house and by my playing with GLADYS and knew I'd have felt hurt if it weren't for dampener of drug. GLADYS tuned the guitar and I went out to see what I could do with NEIL. We talked awhile and I found myself able to play that guitar like never before - was elated and entranced with my own music and new ability...especially since I found I could work with NEIL and play along at the same time, using it for sort of background and emphasis and attention changer. Talked to NEIL about pains in chest - had him try Gestalt exercises but he was too far out. I felt him as a little boy asking mama to fix it and I felt like I'd like to be able to fix it, but not inadequate because I couldn't do so.

OVER

GLADYS came down, wanting attention and to sing and play the guitar. I was happy to see him and we began to sing a song but BZ tore out and jerked him away like a shot/ I understood how she felt and her worry about his contamination, but I felt resentful at being considered a contaminating agent so decided it must be PAUL she was worried about and rationalized it that way.

Spent time talking to PEGGY about her feelings since separation from SURFER and watching her way with her child. All along was playing one song after another and my attention was sort of split. PEGGY came on strong about dislike for SURFER but didn't realize she was saying it and by way of atonement immediately began telling me all ut how neurotically she operates - but in SURFER's terms and sounding like a parrot. I tried to be subtle and gently get her to see what she'd done, but it somehow didn't seem important compared to PAUL wandering around painfully and looking at me like a sick puppy. So PAUL and I talked about the things that made him nauseous and he went and leaned over the fence a few things but explained that while these things would have upset him six months ago, they don't any more. Things such as "penis" and "breast" and "hand" and "hang". (I wonder if his mother hanged herself) I began trying to play Tom Dooley and noticed PAUL swallowing hard when I got to "this time tomorrow weckon where I'll be. Down in a lonesome canyon, hanging from a white oak tree" Also on "Poor boy you're bound to die" Began to worry that there was more going on than I was hep to and quit immediately.

SURFER came and PEGGY left. Felt warm even toward SURFER - allowed him to play big brother thing with me which is his newest button to push. He showed me things on the guitar and I gave it to him and began playing with JAY. Noticed PAUL watching me play with JAY with tears in his eyes - he kept looking away. Felt some sort of vibrations emanating from PAUL - like he was silently begging, pleading, entreating me for something. Didn't know exactly what I could produce that would provide it. He was hungry and wanted a pear - I told him to pick a peach instead. He did, showed it to me like a little kid and ate it like one, leaving most of it all over his face. So I put JAY on SURFER's lap and began singing nursery rhymes. PAUL came and fanally sat down but with that damn shit eating grin on his face. I didn't know what to make of it so didn't.

Physical effect of drug most outstanding. Full of energy and coordination. Lost fumbling, clumsy feeling altho I did manage to whack my shin on the water pipe and trip in a hole twice. But that's par for any course. Knew this was the same stuff JAY had and kept wondering why I wasn't getting the same euphoric, limp happy reaction. It was a physical and psychic energizer for me but without the emotion emphasizing effects of dexadrine. Went home and to sleep with 3 pills finally at 2 am. Kept self curling in sleeping bag womb all next day and night and didn't want to come^{out} to face the world on Tuesday. It isn't a nice world these ~~ada~~ days and it deteriorates steadily.

I have read pages to in this notebook and understand their content
There are no blank pages, except
All entries are in the handwriting

Signed: _____ Date: _____

Signed: _____ Date: _____

10-3-66 BX

200 mg.

MMDA

In this experience each time
he closed his eyes he observed
internal visions all involving his
present situation in school.

Vivid dreams & marked time lag

Feeling of Being Asleep

Nystagmus present (nodular) in all positions of
gaze.

No trouble sleeping after this drug

Cross toleration to Cannabis?

Dreams more vivid.

Feeling of warmth shoulders to chest

24 hrs after proven MD same effect. 6 days later effective
again

This from L. San. ~11/10/65

122

THE DOW CHEMICAL COMPANY

SUBJECT

BOOK NO.

/MMDA

the patient is a 33 yr old male 225 mgs taken

I had a strange awareness of my hands in about 20 minutes; not a feeling in them so much as just that I was attracted to them somehow;

in a few minutes I began to get fearful-of ? loneliness of the acute experience of aloneness, I did not want to go back there again.

I laid face down (often a depressed position for me) Next I remember 'talking to the kids at school (an image) or to other teachers; this was very vivid; the scenes at school were more vivid than those in the office where I actually was, and the people more real than YOU. I tried to 'come back' by getting physically close to YOU, but still drifted off to school

I was very sleepy throughout (not the alerting effect of L SD)
and four hours later went immediately to sleep (I never did with LSD)
I was bothered by the quality of reproduction of the music from 20 to 40 minutes after drug was taken - the crowded small office bothered me at first

of any experience I have had this was most like a series of dreams easily remembered (this drug is most sought after by our helpers in drug work - they function best on it as helping others) I felt after it was over as I had after a long period of sleeplessness - I had gone to bed and had a series of dream like states very vivid and colorful and real

see page 21

This is not the kind of
F. H. S. Drug Dosage.
Pindler NYS Agents

SUBJECT

DATE

this from BV ~ 11/10/65.

Dear Sasha and Guys:

here are two more reports very brief because there is little to say. The copies you have you may keep as I have another

please see that KOZ gets one of these copies and I guess Sasha is collecting so he should have the other one;

101A 130 mg

an experienced person in the use of drugs; complete neurological done 1 hr prior to testing was completely negative. He looked for was nystagmus - he showed a slight physiological in extremes of lateral gaze - 1 1/2 hrs after the drug he showed about the same amount and the balance of the neuro testing showed no difference from that of 2 hrs earlier.

his bp which was 148/90 to start was unchanged. He only experienced a bit of tingling in his arms and legs and a slight sense that his hands were trembling, this was not objectively confirmed during the neuro testing. He had no hallucin etc.

101A the subject who is sensitive to as much as 8 mcgm of LSD noted the following within 30 minutes of injection of 20 mg of the drug: a sense of tension in the chest not unpleasant, increased accessibility to affect with some crying appropriate to the occasion. The enlarged third dimensionality of music and slight unsteadiness in locomotion - also the usual tendency to introvert and withdraw. These effects seemed to be the equivalent of about 10 to 15 mcgm of LSD and lasted 7 or 8 hours with the peak at 1 1/2 to 2 hours.

I will be publishing a paper with TRACEY on vitalin and LSD and COB gas such as I can get my part of it written.

Comment was made ~ April 1966 by KEAT and friend ROBBIE of knowledge of MDMA experiments, one ♀ and either 1 or 3 ♂. 220 mg each. ♀ & early onset - ♂ on later - lasting much of the night.

Date 3/13/66

SUBJECT

Subjective comments regarding DOP.

(See p 115)

The 1.05 mg was taken at about 10:00 AM. Awareness of an effect was noted at about noon. There was the same sort of ablation, quick thinking, humorous talks as there was with DOE, in fact this whole fine structure and behavior structure was much the same (not, I believe, quite as intense at 1.05 DOP vs. 1.5 DOE). The argument of sparkle is still true.

→ Visual There is a little sparkle - went into total darkness for a little while - found that allowing image from down to fall on just one eye was unpleasant. With both eyes devoid of

This was stopped - this writing ↑ was at 3:20 PM and still quite under its influence - couldn't be bothered summarizing something if that still was going on. This ↓ written 4/10/66.

Time. Elapsed Time.

10:00 AM	0	Took 1.05 mg orally.
12:00 n.	2	Awareness, see above.
3:20 PM	5½	wake the above. AD came in to lab (Sunday) but noted nothing. It didn't tell him.
7:00 PM	9	Still quite excited - ate dinner with much humor.
11-12 PM	13-14	Alert - reading & working - can't seem to turn it off
2 AM	16	To bed - probably didn't sleep at all - maybe fretful catnaps. Mind continuously going over and rearranging previous evenings study material.
6 AM	20	Up - to lab - not tired - still alert.
12 n.	26	seem to finally show signs of relaxing.
6 PM.	32.	Out of it.

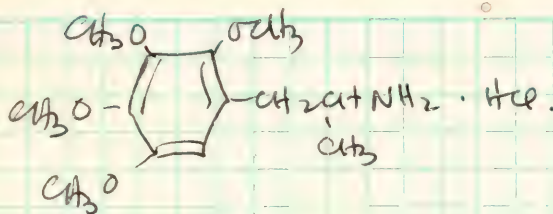
Slept quite normally that night - no apparent after effects.

SUBJECT

Subacute Trials.

BOOK NO.

DATE



date time dose comments.

4/9/66 9:35 AM 0.5 mg nothing.

6/22/66 9:30 AM. 2.1 mg. nothing. (1/4 8:05, 3/4 9:30)

7/8/66 10:00 AM. 5.0 mg. nothing. (one shot.)

10/29/66 8:25 AM. 8.4 mg. nothing.

3/31/67 8:00 AM 14.0 mg. nothing Terrible taste.

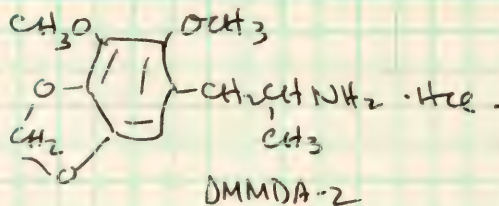
4/4/67 11:15 AM 20.4 mg. possibly exaggerated reflexes (leg, eye) otherwise Nothing

± 4/26/67. 9:05 AM. 30.0 mg. definite threshold. dilation - humor - wild day - $\bar{X}^2$ calculation on PDP-7, SF. Motor Vehicle Dept.

+ 5/2/67 ~SPM. 6:00 34 mg. Dance Class - gastric upset - more the less - distinct intoxication - next AM - foul headache.

Action level will be, by extrapolation about 50 mg - so 6x overcalculation.

Subacute Trial.



6/27/66	9:55 AM	0.4 mg		
	1:00 PM	1.1 mg	Σ 1.5 mg	nothing
6/28/66	10: AM	1.6 mg		
	11:30 AM	1.7 mg	Σ 3.3 mg	nothing

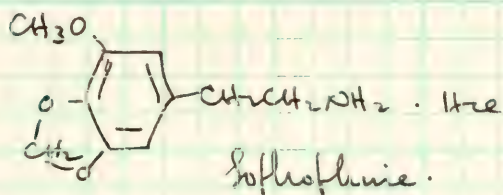
— data continued on page 140 —

SUBJECT

Subacute Trial.

BOOK NO.

DATE



~ 6/1/66 - ATB. 0.5 + 1.5 mg at 1 hr. nothing.

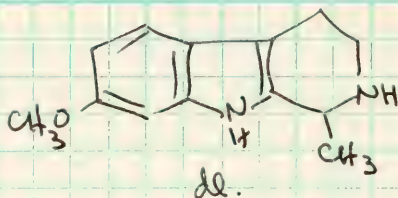
~ 7/13/66 (1 AD) 12.2 mg negative.

3/8/66 (1 AD) 150 mg threshold.

(8/3/66) (1 AD) (156.5 mg). At 2-5 hrs. very euphoric and peaceful mood elevation - $\approx$ mescaline - but no visual distortions. Mild enhancement of visual & color perception (function of mood elevation). No nausea, no eyes-closed vision, slept easily at 11³⁰ PM.

67?

Continued - p. 228



Tetrahydroharmine

~6/16/66.

his record

GHS 100 mg threshold?

- 22 March '66 0.8 mg at 3²⁵ pm. A 4³⁰ slight
protonal ~~of~~ signs - excited, light headed - placebo effect?
- 23 March 66 1.8 mg at 3⁰⁰ PM. Nothing - so much for above.
- 25 March 66 3.4 mg at 3⁰⁰ PM Nothing.
7.8 mg Nothing.
- 27 April 66 13.5 mg nothing.
- 2 May 66 22.6 mg 2⁴⁰ pm. Possibly a vague
mild pleasurable state.
- 12 May 66 44 mg 4³⁰ pm same as above
- 8 June 66 99 mg 10⁰⁰ am. distinct threshold.

Mild color intensification, euphoria, emotional empathy. Lay in
darkened room at about 2 hrs. had some fleeting images,
primarily of cars and buses; quite a bit of blue in the
pictures. By 5 hrs completely gone.

"Tetrahydroharmine"
(as above, dl.)

ETC ?

Oct 50 50 mg - as above
June 1973

Running compilation (chronological) of subacute.

DATE	WHO	WHAT	HOWMUCH	Effects.
5/25/63	ATS	TMA-4	16.7 mg	bitter. NR
6/5/63	ATS	TMA-4	26.3	NR.
8/26/63	ATS	MMDA 3a+1	0.2 mg	NR.
9/27/63	ATS	MMDA 3a+1	0.5 mg	NR.
9/29/63	ATS	MMDA 3a+1	1.0 mg	NR.
9/11/63	ATS	MMDA 3a-1	4.4 mg	NR.
9/12/63	ATS	MMDA 2-1	2.6 mg	NR.
9/13/63	ATS	MME	0.3 mg	NR
9/16/63	ATS	MME	2.2	NR
9/17/63	ATS	MME	2.0	
9/17/63	ATS	MMDA 3a+1	1.9 mg	NR
9/19/63	ATS	MME	6.5	NR
9/14/63	ATS	MEM	0.8 mg	NR
9/16/63	ATS	MME	9.9	NR
9/26/63	ATS	MEM	2.2	NR
9/26/63	ATS	MMDA 3a-1	8.1 mg	NR
9/30/63	ATS	MEM	4.5	NR
		MEM	2.8	
10/1/63	ATS	MEE	0.4 mg	NR
10/3/63	ATS	MEM	10.5 mg	Threshold definitely. if so > TMA-2
10/8/63	ATS	MEE	1.0 mg	NR
10/14/63	ATS	MEE	1.7 mg	NR.
10/17/63	ATS	MEE	2.8 mg	NR.
10/23/63	ATS	MEE	4.6 mg	NR.
10/25/63	ATS	MME	16.3 mg	unreal at 3:00? bit scary. NR.
11/20/63	ATS	MMDA 3a-1	13.8 mg	NR
11/30/63	ATS	MMDA 3a+1	3.5 mg	NR.
12/1/63	ATS	DOM	0.1	NR
		DOM	0.1 at 1:20	
12/3/63	ATS	AEM	220 mg	NR
12/63	GLADYS	MMDA 3a-1	40 mg	NR
1/4/64	ATS	TMA-3	0.5 mg	NR
		TMA-3	2.5 mg at 1:20	
1/6/64	ATS	DOM	0.4	NR
			0.4 at 1:00	
			0.2 at 2:10	Threshold? too long - probably NR.

continue Subacute.

1/9/64	ATS	^{WV} ^{MSR} <u>DOM</u>	1.9 mg	absolute threshold! long colors
1/12/64	ATS	TMA-3	6.2 mg	NR
1/14/64	ATS	TMA-3	10.6	NR
1/20/64	ATS	TMA-3	15.1 mg	NR
1/22/64	ATS	TMA-3	20.6 mg	at 1:30 dizzy? - NR.
1/19/64	~~ATS~~	MMDA3A-1	65 mg	NR
1/28/64	ATS	TMA-3	26.6 mg	NR.
1/31/64	ATS	TMA-3	36.5 mg	NR
2/3/64	~~ATS~~	DOM	2.3 mg	confirmation - not the 5-15 though
2/5/64	ATS	TMA-3	51.1	0
		TMA-3	12.1 + 1:55	
		TMA-3	14.8 + 2:55	→ Σ 78 mg NR whatever <u>that is all</u>
2/26/64	ATS	TMA-6	0.4 mg	NR
2/28/64	ATS	DOE	0.2 mg	NR
3/16/64	ATS	DOE	0.5 mg; 1:40 + 0.2 mg	→ Σ 0.7 mg starchy at 2:30? NR
3/23/64	ATS	TMA-6	1.2 mg	NR
4/5/64	ATS	MME	24.8 mg	NR
5/21	ATS	TMA-6	3.8 mg	5:00 shakes? NR
6/9/64	ATS	extracts <u>S. dio.</u>	Σ 7	
~~6/12/64~~			1:00 hrs $\Rightarrow$ 8 → Σ ~~15~~ g leaves	NR
6/12/64	ATS	<u>S. dio</u>	$\Rightarrow$ 20 g leaves	NR.
7/1/64	ATS	TMA-6	5.5 mg	Threshold? 1:30 dizzy? NR?
7/2/64	ATS	TMA-5	0.2 mg; +3:00 + 0.3; +4:00 0.3	→ Σ 0.8 mg NR.
7/7/64	ATS	<u>TMA-6</u>	7.8 mg; +2:00 3.6 mg	→ Σ 11.4 mg <u>threshold!</u>
7/24/64	ATS	DOE	1.0 mg	marginal? 2-5 hrs?
8/4/64	ATS	DOTB	10 g	
		DOTB	+2:00 hrs 15 g	→ 25 g NR
8/5/64	ATS	TMA-5	1.0 mg	NR.
8/11/64	ATS	DOTB	50 g	
		DOTB	+50 g at 1:20	→ Σ 100 g NR.
8/14/64	ATS	TMA-5	2.2 mg; +1:30 2.0	→ Σ 4.2 mg NR.
8/15/64	ATS	DOTB	150 g	
			at 1:10 + 100 g	→ 0.25 mg NR.
8/27/64	ATS	<u>DOE</u>	1.5 mg	Effective plateau 5-16 hrs <u>euphoric colors!</u>
9/13/64	ATS	TMA-5	7.0 mg	bitter - NR.

more subcutaneous.

9/10/64	ATS	DOTP -	0.4 mg	NR.	
9/17/64	ATS	TMA-S	10.1 mg;	+1:15 3.7	213.8 mg NR.
9/30/64	ATS	TMA-S	18.2 mg	2:00 SNS stim,	3:00 dilatin. stimulant? CAREFUL.

———— Summarize all in report for Slonka ————

KOZ writing up all MMDA work for MMDA monograph.
 KOZ tabulation of DMPEA for schizophrenia paper.

10/10/65	ATS	DOP	0.25 mg	NR
10/14/65	ATS	DOP	0.45 mg	NR
1/6/66	ATS	DOP	0.7 mg	NR
4/9/66	ATS	M4A	0.8 mg	NR
6/22/66	ATS	M4A	2.1 mg	NR
7/8/66	ATS	M4A	5.0 mg	NR

SUBJECT GLADYS on DOP.

DATE 7/31/66

GLADYS on 0.8 mg DOP (see page ¹¹⁵ 114)time rel. t.
0930 0.6 PM. 8.5 hrs.
Mid. 14.5 hrs
AM.energizer - probably no sparks.
peak? - medicine cabinet shimmers.
3/4 gr secal.
hangover ex secal.
maybe into

23 hrs.? today?

interview

0.51 mg 7/7/66

0.8 mg 31/7/66

maybe in AM. still effects DOP.

0.51 mg 7 Jul 66

Nothing

0.80 mg 31 Jul 66

9³⁰ am took it. Prodromal lethargy

to about ~~3~~ 2 pm not really lethargy, relaxed and pleasant. Psychic ~~ex~~ energization from 2 pm, euphoric but not amphetamine-like jittery & world bright, pleasant, optimistic. Peak at 6-10 pm, with very slight wavering of lines and color enhancements. Unable to sleep at 1 am, thoughts buzz continuously. Took 3/4 gr pentobarb, awake am groggy from pentobarb, when this cleared, again euphoric and happy - still effects of DOP?

SUBJECT

dextro-amphetamine.

To finally and subjectively assign those properties that would be called sympathomimetic - but not psychomotoric.

10-15-66 11:50 AM. 5.0 mg.

1:30 PM.

8.0 mg more

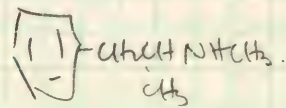
13 mg. 213 - no effect - not even eye dilation - I worked late that night so there might have been cat's stim. - but no mental, or jittery effects.

15 mg. 11/5/77 ATB 0.25 mg (0.10) (1.00) than barbitone - that is all. at 12 challenge with 6 mg LSD of v. p. 256. (15.00) no sleep - fitful after a few hrs of trying - This is the only noticeable effect. otherwise - n.e.

SUBJECT

Subjective analysis.

DATE



DL. or D.
Hce. Hce

10/20/66. CE ~~10:20 AM~~ 10:20 AM. 4.5 mg.

12:20 PM. 5.5 mg. ~~mine~~. Σ 10 mg. probably no effects - I was active, but there was no evidence of central stimulation for sure. Certainly not any of eye or other objective effects.

11/27/66 CE

10:45 AM. 7.5 mg
12:20 + 5 mg Σ 12.5 mg Possibility of very slight stimulation at ~2:00 PM. Was extremely active through the rest of afternoon - got a very great amount done. Cleared out Pandora, bookcases off desk etc. no hunger - but no intox. either. Little effects.

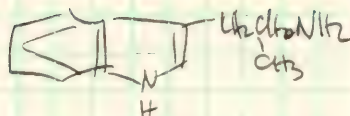
- (+) 5/13/77 CE 20 mg 9:35 AM (0.00) slight something up [0:35]? very active all day - u.e. however - to bed, when tired at (15.00) no sleep - two hours awake - then occasional sleep. - (1st) no suffering for lack - but definite sleep interference (+) 1 day night - no - make first (+). But - mentally
- $\pm$ CE 30 mg 1/12/79 12:00 AM (0.00) 2L. parathene - got much done. Little effects - up to 1. No sleep (12.00) JMK 30, 50.
- $\pm$ CE 30 mg ~3/79 as before for LSD. can p. 258 (3, 60) + 30 up (2.00) - lost in previous experiment.
- + CE 30 mg 4/2/79 - 9:15 AM (0.00) (1.00) true alert stable - u.e. (2.00) means going very well (practice for vitality) completely unaffected. (3.00) nothing left. still not hungry - 3/4 available.

SUBJECT

 α -MT.

DATE

TIME



This is the material of MICK fame. (maybe!)

before 4/4/66 80mg (Dan)

1 hr. High

2 hr. Nausea of Meg.

13 hrs.

go go go -

out
- Pot.

no vision

no hallucin

but depersonalizing.

160 mg (D = Dan) as above - but toxics
80 mg get another
20 mg nothing.

10 mg gets rid of

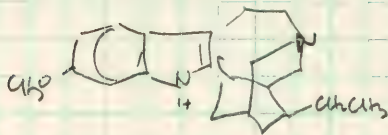
10 mg gets pleasant mild euphoria. low hrs.

SUBJECT

Ibogaine.

BOOK NO.

DATE



before ~ 11/11/66.

800 mg extract. full.

400 mg of "pure" HCl OK.

check:

KOH

300-400 mg salt needed.

~ 8/67

now 250 mg — must make article for experiments—

Ibogaine + MDA (250 mg + 75 mg) → 16 hrs.

Ibogaine + TMA-2 (250 mg) + 20 TMA-2 → 16 hrs + motor agitation.

DNT continued.

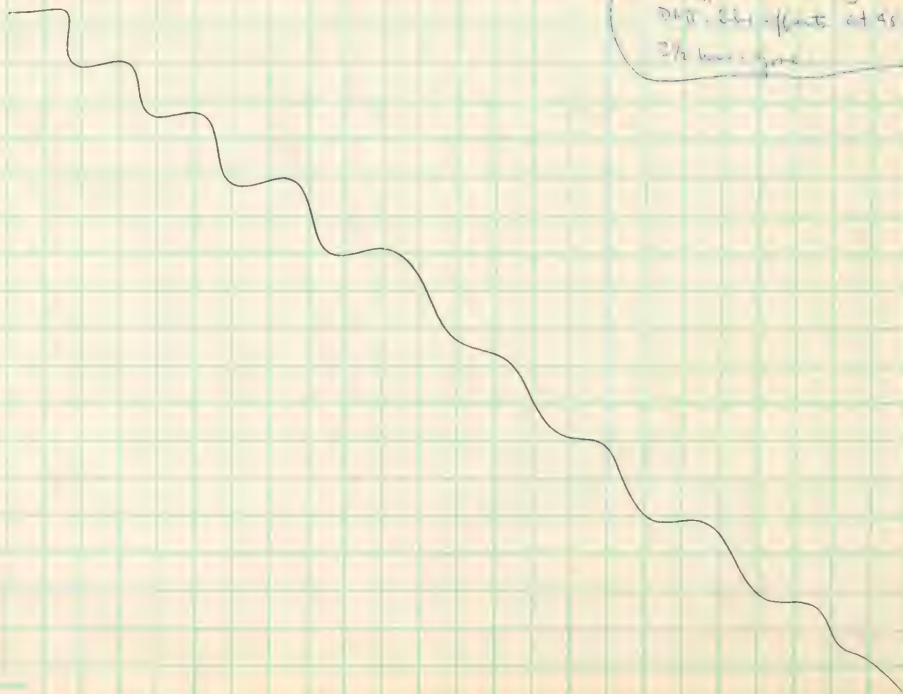
(20 mg in DMSO) (in 100 µl) 2:46 8/11/77. n.e. to page 327.

note from ADAM ~ 7/11/78

100 mg DNT + 100 mg HCl in 100 µl

DNT. 24 hr. floats at 45 minutes

2 1/2 hrs. gone

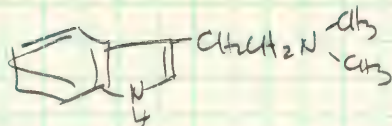


SUBJECT

DMT.

BOOK NO.

DATE



before 11/1/66 - DMT up to 1.0 g p.o.s. ALFRED (friend of BORIS)

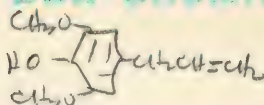
5/29/76. Constructed cigarettes, a few milligrams of finely powdered Tanacetum vulgare are appropriately distributed on paper, and the free base (20 mg, 100 mg) evenly distributed and mixed. Direct heat (e.g. infra red lamp) melts the base, and the sl. sticky mix is rolled into a v. tight and small diameter cigarette (4-5 mm dia.). The leaf (this is smoked off) to determine the quantity taken. All experiments separated by ~ 2 hrs.

- 5 mg. (inhalation) n.e.
- 15 mg (inhalation) n.e.
- 20 mg (inhal) after ~ 30 sec. a strong light-headedness starts - possibly some temporal pressure. Head effect and there is a "quantitative" awareness of the measure of the intensity - no vision - no sensory distortion - just very much in its control. Max at 3 min, then rapid disappearance. Out at 7 min.
- 30 mg (inhal) within 30 sec. start. - Build up to max. (?) intensity at 2-2 1/2 min. Some yellowing of visual field - complete control given to drug - but there is nothing to do! - no eyes closed - no imagery - the internal plateau is left at 3-4 min - still "up" but there is a clear awareness of the rate of recovery - the radar is apparent again. 8 minutes out.
- 20 mg + 10 + 10 + 10 → Attempt to maintain the 3-4 minute effect of the 30 mg experience above by chronic reinforcement. 20 mg was inhaled - followed in a minute by 10 mg - redevelopment of the strongly intoxicated state (but not back to the "yellow" degree) and as the effect starts waning, reinforce c. 10 mg (at 4 min) again at 8 min and then the effects seem to be a little smoothed out - next (and last) reinforcement at 13 min (10 mg) which maintained effects for a few more minutes - rapid clearance and completely out at 20 minutes. No residual effects - a completely stupid drug.

SUBJECT

TRIAL NO.

DATE



1.1 mg (GRAD)	15/12/66	1:10 PM.	Lunch at 1:30	feeling very pleasant 2.00. Postprandial euphoria.
1.9 mg (GRAD)	16/12/66	12:15 PM	Lunch 1:30 PM	NR
4.1 mg (GRAD)	6 Jan 67	NR		felt good
9.7 mg (GRAD)	9 Jan 67	NR		felt good.

SUBJECT

The Peanut Cocktail

DATE

TIME

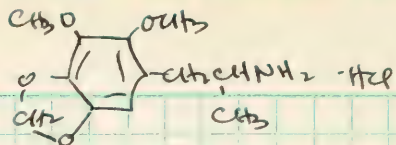
for a 5g Nutmeg
equivalent

12/22/66 GRADYS PM. 5g. spoke in
evening as maybe having
some color enhancement.
was easily brought to
light humor. - This was
the evening of the kitchen sink trap episode.
(=0:00hrs)

MDA.HCl	11.4 mg
MMDA.HCl	60.8 mg
TMA.HCl	22.0 mg

12/24/66 ATS 10⁴⁵ AM. A 5g. at 1:15hrs quite dilated - starchy
effects. At 1:45 there is a sure threshold - no
anxiety, but curiosity to see where it all will
go. Slight flushing. I know it wouldn't take
much more of this to get things to move
around. 2:45 dilation going down - feel out
of it more or less.

SUBJECT



DATE

See page
126 for
early data.

Feb. 10, 1967.

GLADYS 4.0 possible threshold ?
mg.~~by~~ March 7/67.GLADYS 28 mg. Threshold. < 15 mg TMA-2
< 26 mg TMA 6

April 4, 1967

GLADYS 50 mg. Into it, much like MDA.

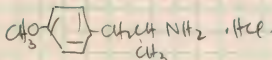
I have read pages to in this
notebook and understand their contents
There are no blank pages, except
All entries are in the handwriting of

Signed: _____ Date: _____

Signed: _____ Date: _____

SUBJECT

BOOK NO.



4-DMA

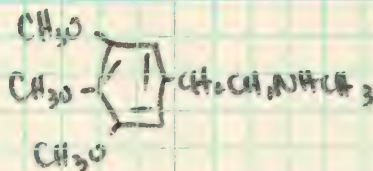
3/16/67	GLADYS	1.0 mg	No Effect.
3/28/67	BORIS	2.0 mg	Was quite unsure - possible threshold???
4/13/67	BORIS	4.0 mg	N.R.
4/15/67	BORIS	8.0 mg	N.R.
5/18/67	BORIS	17 mg	felt fingers cool, perimally detached at about 45 min - 1 hr. then nothing. Threshold???
1/11/68	ATS	25 mg	N.R. (10:10 AM)
1/12/68	GLADYS	35 mg	reported some clonus at 2 hrs - but had 2 work cups at 1/2 hr. on hill (?)
1/12/68	ATS	42.5 mg	10:55 AM. - unusual task - becoming strange at 11:45 - 12:45 (1-2 hrs) - certainly ex. at 4.
1/16/68	GLADYS	56 mg	2:55. some effect - feeling of drug action or alcohol-like depression (inactivation) - no hand
1/25/68	ATS	50 mg	any real effect - the day of the I-35 trip to hill - refuse to go. 1 hr. on - sudden. 1:10 - to whole body counter - & polyth there. up 1:30 - flat - 2:20 clearing!
2/6/68	GLADYS	70 mg	dance flexibo: paresthesia - nice - real.
not 89.	CF	57 mg 1/Kg	1:15 sudden onset 13/85 → 15/85 (Met. included) afterimages 1 3/4 hrs 200/100. DET-like. 3 1/2 hrs. - no more mental some b.p. some paresthesia
			4 1/2 out -
9/28/77	ATS	73 mg	60 mg - little if any effect - I certainly am functionally becoming used. Sedative i MDMA - see p 233

Pl #	Subject	Weight	Dose PMA	Time from collection	Volume	mg thebaine + morphine	Total PMA	Recovery added PMA %	% administered PMA Excreted	mg PMA/ mg thebaine
(1)	BY	65 Kg	10 mg	0-12 hrs 12-24 hrs	660 ml 320 ml	581 508	264 μ g 51 μ g	107 % 93 %	2.64 % 0.51 % <u>3.15 %</u> 24 hrs	0.455 (mg thebaine) 0.10
(2)	CA	64 K	10 mg	0-12 hrs 12-24 hrs 24-36 hrs	840 ml 1020 ml 750 ml	672 1278 1023	675 μ g 615 μ g 192 μ g	129 % 100 % 96 %	6.75 % 6.15 % 1.92 % <u>14.82 %</u> 36 hrs	0.45 0.41 0.25
(3)		55 kg	10 mg	0-12 hrs 12-24 hrs 24-36 hrs	300 ml 370 ml 150 ml	250 231 107	107 μ g 51 μ g 9 μ g	127 % 110 % 74 %	0.107 % 0.051 % 0.009 % <u>0.167 %</u> 36 hrs	0.45 0.41 0.25
(4)		52 kg	10 mg		1000 ml	115	6730 μ g	104 %	<u>10.4 %</u> 24 hrs	0.45
(5)		67 Kg	20 mg	0-24 hrs	400 ml	1103	850 μ g	104 %	<u>10.4 %</u> 24 hrs	0.45
(6)		76 Kg	30 mg	0-12 hrs 12-24 hrs	1770 1280	800 mg 1189 mg	1050 μ g 420 μ g	113 % 91.5 %	3.3 % 1.4 % <u>4.7 %</u> 24 hrs	0.45 0.28

Po's PMA date

SUBJECT N-Methyl Mescaline.

DATE



3/28/67

1.0 mg 8:05 AM (ATS) NR.

4/5/67

2.3 mg 8:30 AM.

1.7 mg 10:40 AM & 4.0 mg (ATS) NR. (Nina thought I was funny when I was driving - I thought not.) Vaila - no effect!

4/21/67

7.0 mg 9:00 AM

4.3 mg 10:40 AM & 11.3 mg NR.

4/26/67

16.0 mg 11:45 AM. NR.

5/24/67

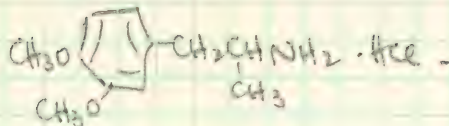
24.0 mg 9:40 AM. at dinner table - in afternoon (~3) contact
highed & BORIS, GLADYS - wild humor - not assignable? no effect.

SUBJECT

(3,4-)DMA.

BOOK NO.

PAGE



According to M.D. ALEC Int. J. Neuropharmacology -
1967. 6. 151 - Ales states (personal communication) Sm.

2-3 times less active than MDA. 3

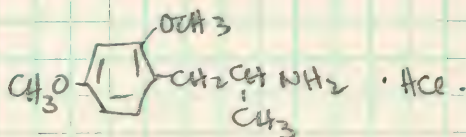
In ALEC'S thesis is an extensive army report describing
2 psychotic patients - both i.v. -

at 70 mg nothing.

at 700 mg - mescaline-like... nothing in between?

SUBJECT 2,4-DMA.

DATE



GLADYS running.

5/23/67

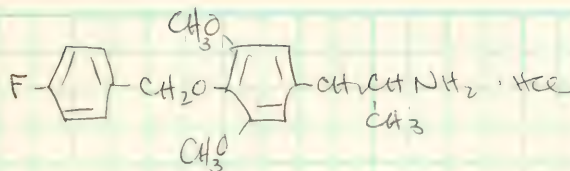
7/25/67

16 mg - GLADYS - no effects

61 mg - GLADYS - definite threshold. 12 nm - at 1 PM -
 amphetamine-like 2 or peak - euphoria - diffusion of
 association - no question about it. 3 - quieting down.

SUBJECT

DATE



date

2 GLADYS 1 mg ... no effect

1/4/63 GLADYS 4 mg ... no effects.

SUBJECT 6-CH₃ HARMALAN

BOOK NO.

DATE



6/4/67 1.0 mg 9:35
 2.5 mg 10:40; 1.0 11:05; 3.7 12:20 Σ 8.2 mg (base) (3 hr) N.E. effect.
 6/29/67 18 mg 8:00 AM. (in dil HCl). no effect.
 7/18/67 33.4 mg 8:50 AM (in cap) trace unworldly 11:AM - no effect.

SUBJECT

Hystradine:

DATE

(or ~~6~~ 6-MeO-H₄-harman, see index)

KOZ to 300 mg. no effects except pain in testicles.

ce--ethicthNH₂ - KOZ to 400 mg - NR

SUBJECT

Berbario.

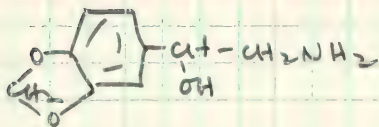
BOOK NO.

DATE

ex. KOZ to 300 mg. N.R.

SUBJECT 2-04-MDA.

DATE

MDE
methylene dioxy ethanamine

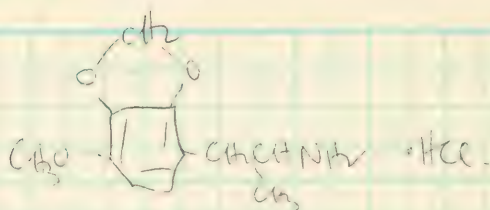
by KOZ to 100 mg, NR.

The report: June ~25, 1967.

SUBJECT MMDA - 36.

DOSE mg

DATE



7/25/67 GLADYS 1.0 mg NR.

8/11/67 " 14 mg Threshold?

8/16/67 " 22 mg NR.

9/19/67 " 37 mg NR.

9/19/67 " 57.4 mg NR. - "qualitatively like MDA - i.e. gran-
 itative - duration perhaps less."

TMA-1 3/3/76 8.0 mg No Effects. (see GLADYS (ATS threshold KOZ P. 93) (on 12 mg p. 98-99))

5/4/76 12.0 mg 12:25 (noon) maybe slightest threshold vs 2-4 P.M. - certainly down at 5. n.c.

6/15/76 16.0 mg ATS 3:10 = 0.00 - p. to read - moderately long-lasting -
 away. effects (2.30) - (5.00) - something still at 7.30 - see page 188

5/25/77 20 mg ARE 9:25 AM 10:00 (1:20) slight thin-lined effects (2.00) light intox.
 (points to 5.00 or 6.00) - very light stim. + at most, no residue. - See 5/10/77 entry
 of 5-00s-DIT - sensory starts. something similar here.

10/4/77 25 mg + to ++ see p 253

6/7/76 8 mg ATS n.c.

6/23/76 12 mg ATS 1:00 PM

included at 4

11/20/76 16 mg ATS

effect - "hell"

4/23/77 20 mg ++

4/29/77 25 mg ++

5/4/77 30 mg ++

5/11/77 30 mg ++

5/21/77 40 mg +

9/14/77 60 mg +++

SUBJECT MEM. p. 78. TMA-2-

BOOK NO.

DATE

11.00mg. — day of lunch faces, fun, nausea of ice-cream cone.

MEM (11.0mg)

10.20 AM. 11.0mg.

12.00 lunch — long — many faces — down to 10.00 — ice-cream — to GLADYS lab.

1.10 — telephone — each side separately — concentrate on both — no focus.

back to office (1.30) & comments.
1.20 → 1.30 slow — around in the next day.

2.00 coming out — happy — never in control.

TMA 2 (11.0mg).

10.00 AM 11.0mg 9/26/67

12-1 lunch more faces, more need of language control than MEM — afternoon into 2 or so before the intensified black & white sparkle was certain to be dying out.

At no point was this more than very rich threshold — but it was there and a real world.

As a universal agent — this is the more potent — but for giggle & fun — MEM is probably more effective.

to threshold → A = B ←

must lay both at maybe 15 mg. maybe try with.

MEM GLADYS 12.5mg = 10mg TMA-2 p 112.

10 mg intense p 78
AB p 78 and above.

threshold — [1.30] (230) read — some temple burning & light-

PM [3.00] - [4.00] still read — out [5.00] — complete control

1.30 PM. afternoon of Pacific Crestures — possible unguish was itself bizarre — no evening problems. Not a good night.

details on page 229

details on page 229

details on page 229

see p 229, 233

see p 229-233

TMA-2 12/24/75 8 mg AB (11.20 AM)

[1.30] clean threshold

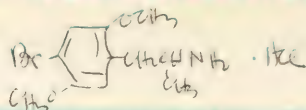
[2.20] still threshold.

3/1/76 10 mg ⁺ 5.15 (0.00); [1.00] - [1.30] dinner — strange evening (no 2000 > 1 month) stomach cramp, but N very ill. read clearly at [2.00] and slept well. ^{stable} threshold, heart all.5/30/76 12+ (dinner) = 13 mg ⁺⁺ nuclear effective dose — more than threshold — see p 1852/6/77 16 mg ⁺ 10.10 AM = [0.00] [0.05] at light threshold [2.00] more noticeable — on 3 midday? [10.00] out of focus
knew in! — slight if any effects.4/2/77 2 mg ⁺⁺ continuous on 22410/10/77 2 mg ⁺ see page 224

SUBJECT

BOOK NO.

DATE



ABR.

9/21/67. 10 y - 4 PM - no effect.

9/22/67 GLADYS 20 y - 8:45 at 9:40 - thought visual field changed - I watched him several times say "This is absurd" - he would ignore smells that was certainly unusual - and in a moment, he made aware of it. Almost like threshold. (at 20 y!) let us assume, no effects.

- 9/24/67 ARS 30 y No effect.

- 9/25/67 GLADYS 50 y - NR.

- 9/26/67 ARS 100 y NR.

± 10/1/67 ATS 200 y (11:45 AM) possible in box & altered judgement when driving - effect? probably NR

11/4/67 GLADYS 400 y 15' mild effects at 4:40 PM.

on to 8 PM - before off to 2

enhancement of visual perception + color. Clean cold feeling of wind on skin. Enhanced emotional effect, very comfortable & good feeling. ~~Easy~~ Easy to sleep - colorful dreams (unpleasant). Not tired after - slow sleep.

1973 - Jan - Feb. all the Br⁸², Br⁷² work. IV up to 400 y N.E.

oral to 200 y - trivial stimulation. TS, me, Gisela, Abba.

2/22/73 ATS 30 y IV. (25 pc Br⁸²) N.E.

KOZ received 101 mg 14 Oct 1967 - reported 1.5 mg → long duration but no increased effects.

Animal tox: Solution 1P. 3 50 mg/Kg mice

0.02 twitching.

0.09 irritated - avoid being probed.

0.28 + 2nd mouse - paralysis

1.30 intransigent Wethy normal

6.00 cuddle together - no later effect

on to page 226

SUBJECT Harmalan. Harmaline.

DOSE NO.

DATE

In mixtures.

Harmaline

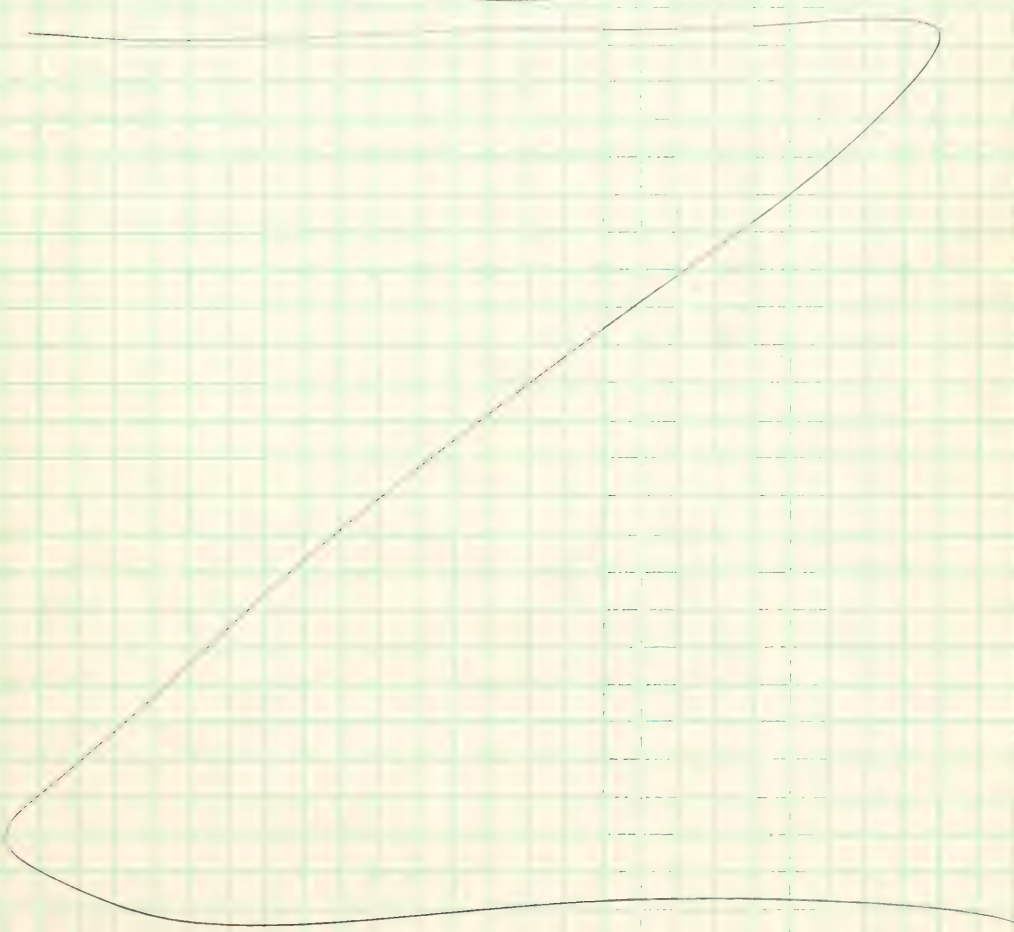
250 mg + 75 MDA → 16 hrs + motor agitation

H —

250 mg + 20 TMA-2 → "

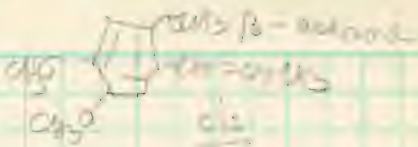
FREDDO claims to have data. - Personal comm. (6/30/76) - oral 350 mg -
 Open eyes hallucinations - 1 1/2 - 3 hrs. as she recalls - drops off & more and more
 reassignment to eyes closed. has written notes. early nausea.

My notes on page 225



SUBJECT

DATE



200 GLADYS

100

120 GLADYS

100 GLADYS

25 mg

20 mg

40 mg

55 mg

70 mg

GLADYS

GLADYS

GLADYS

GLADYS

ATS

GLADYS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

ATS

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

11/24/68

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

(11/24/68)

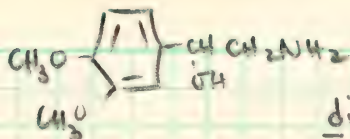
MIX - TMA-2

3/13/68 { 40 mg β -asovine (8:05 AM) }
 { 2.5 mg TMA-2 (8:45 AM) }

4/18/68 { 40 mg β -asovine (9:35 AM) } my note is blank, thus I assume, no effects.
 { 10 mg TMA-2 (10:15 AM) } (note found 11/27/76)

SUBJECT

DATE



dimethoxyphenylethanolamine
DME

GLADYS	50 y	12:00	5/8/68	NR	
ATS	100 y	1:45	5/8/68	NR	
ATS	200 y	9:10 AM	5/10/68	NR	0.04 ml @ 0.04 mg / 2 ml.
GLADYS	400 y	3 PM	5/10/68	NR	
ATS	800 y	10:50 AM	5/13/68	NR	The vague face at 1:30?
GLADYS	1.6 mg	1:50 PM	5/13/68	NR?	real 3:00 PM? intensely sleepy 4:30
GLADYS	2.5 mg	1:45 PM	5/15/68		
GLADYS	5.0 mg	2:15	5/20/68	NR?	
ATS	10.0 mg	11:00	5/21/68	NR	
GLADYS	19.5 mg	4:00 PM	5/22/68	nothing	
ATS	32 mg	7:00 AM	6/4/68	hyperactive reaction at 1:15 - not going fish & chips at 1:00 NR.	
GLADYS	58 mg		6/7/68	probably nothing	
ATS	75 mg	12:53	6/27/68	nothing	(mild better taste).
GLADYS	115 mg	4:30 PM	6 Nov 68	GLADYS	Identify movement 1/2 hr More about 2 coming from movement

Morone tox. 7/5/68.

[0.00] 200 ug/Kg
 (0.01) reared scratch - poor hand-leg function
 (0.07) hypokinesia - catatonic? (1.40) inverted
 [0.00] 200 ug/Kg [0.11] bid walk (0.17) slow
 rising but good coordination (0.30) all
 scratched up - not easily pushed to move
 in movement

SUBJECT

2-M



methyl isomers.

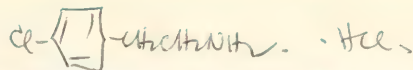
BOOK NO.

DATE

DATE	AMT.	TIME	EFFECT
7/5/68	8 µg (0.001 soln)	4:45 PM	NE
7/6/68	20 µg	10 AM.	NE
7/7/68	40 µg	7 PM	NE
7/13/68	80 µg	8:30 AM.	NE
GLADYS 7/19/68	160 µg		NE
" 7/24/68	320 µg		"
" 8/5/68	640 µg (0.8 sol)		"
" 8/7/68	1.28 mg (1.6 sol)		"
" 8/8/68	2.56 mg (3.2 sol)		NE
" 8/12/68	4 mg (5 sol)		NE
AK 8/13/68	6 mg (7.5 sol)		
	actually ~~2.5~~ 6 mg		NE (silly, but probably NE).
AKS - 8/15/68	6.0 mg		no effect.
8 19 Aug 68	14.0 mg soln.		no effect.

toxicity in 2-M mice - 2:54 PM 100 mg/Kg [0.01] OK [0.02] slowing down - [0.10] normal
 3:05 PM, 150 mg/Kg i.p. [0.05] odd gate [0.10] no response to feeding [0.11] dead
 2:58 PM, 200 mg/Kg i.p. [0.06] difficulties in walking [0.07] on back [0.11] convulsive
 thrashing - [0.12] dead.

SUBJECT



DATE

K02

2mg - NEI

500 mg. orally (CN.) n.r. —

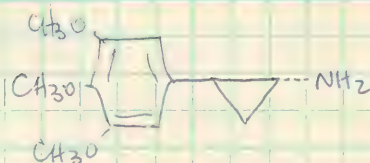
ethanol

Wash-out starts ~ end of January 1976 - rigidly no ethanol of any form. Exceptions:
 Several glasses of wine Timber Cove ^(Aug 1976) & Nicholas - note intoxic - not too pleasant. Exception: one
 glass champagne & 1 glass dinner wine Jan 1 (Dec 31) 1977 - excellent taste! - no effects.

- 5g (95%, diluted to 80 ml) 10:00 PM 6/8/77 - no effect.
- 10g (95%, diluted to 80 ml) 4:51 PM ^(11:00) [10:00] [11:00] = 2 - no - no effect

SUBJECT TMT

DATE



ANTHONY, Tereb.

GLADYS 0.1 mg 7 Oct 68 - nothing
 ATB 0.2 mg (soln) 9 Oct 68 - nothing
 GLADYS 0.4 mg (0.4 mg) 15 Oct 68 nothing
 GLADYS 0.8 mg (0.8 mg) 23 Oct 68 nothing
 ATB 1.6 mg 28 Oct 68 nothing
 ATB 3.4 mg 7 May 69 - 10:40 AM - nothing - extremely effective T for
 12:30 - 3 PM 7 May 69 - N.R.
 GLADYS 7 May 7 May - no effect
 ATB 13.3 mg 10 May 10 AM felt wrong at 12 - not too much like
 but kind of wrong probably no effect

Ariadne blind studies

Broken code

GLADYS

ATB

rotation
sign

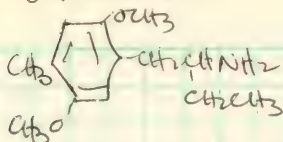
May, 1979 A. Aug C. Aug (+) GLADYS no action; ATB perhaps depression relief. n.c.
 (ATB) B. Aug D. Aug (-) GLADYS gives real effect; ATB slight "hangover" unusable n.c.
 5/22/79
 5/25/79

SUBJECT

Ariadne

BOOK NO.

DATE



- 12/24/68 12 AM 0.05 mg N.E.
- 12/6/68 PM 0.10 mg N.Effect.
- 12/8/68 ATB 12^{noon} 0.20 mg - PM = a little wine & grass - ammonia to 6/PM, no effect?
-
- 2/26/69 AB 9:45 AM 2.5 mg - almost believable mood elevation - no sensory.
- 13 Mar/69 - 4 PM 2.9 mg - seemed definite mood ↑ - nothing perceptual - antidepressant sans jittery effect
- AB 4.0 mg Nothing: or: 1 hr of busy enthusiasm evening - extremely tranquil - groggy at Claremont Hotel.
- 17/Mar/69 4:30 PM 4.5 mg Worked & enthusiasm - cleared up + gear inventory of procrastination.
- AB 10:30 6.0 mg manic all day - definitely anti-depressant at Dow.
- May 12 1969 5.0 mg - going with efficiency into third day the schizo in remission incident. Very effective

Morone toxicity. March 7, 1969.

- 25 mg/Kg i.p. 11:58 AM. [0:02] slow, awkward gait [0:12] more when provoked - some tremors [0:27] occasional hiccup spasms - moves about, but oddly [3:00] all OK
- 50 mg/Kg 1:55 PM [0:12] sporadic shivering [1:15] tremors. survived -
- 100 mg/Kg i.p. 11:45 AM. [0:03] not moving much [0:05] tremors - unsteady gait. [0:08] - convulsions - death.

June-July 1970 G.W. notes - see 192-193.

Blind studies

SUBJECT

det TMA-2

80(+) i.e., 80% pure (H₂O + 10%)

(acc. Matin) -

Diod - 30% pure

i.e. 65% d
35% c

GLADYS

1.0 mg nothing.

7/24/69 ATS

3.2 mg (11 AM) nothing

7/31/69 ATS

5.5 mg (11.30 AM) nothing.

I have read pages to in the
 notebook and understand their contents.
 There are no blank pages, except
 All entries are in the handwriting of

Signed: _____ Date: _____

Signed: _____ Date: _____

SUBJECT

L(-) TMA-2

10°(-) - pure isomer -

"Mutar" - L in L

40% pure

12. 70% L

30% D.

GLADYS

4 mg

some color

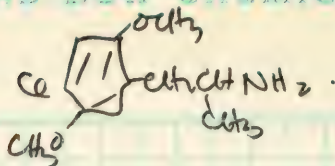
GLADYS

6.0 mg

euphoria - no perceptible changes -
 max at 3-5 hrs - unpleasant
 after effects - not desirable?

ATS

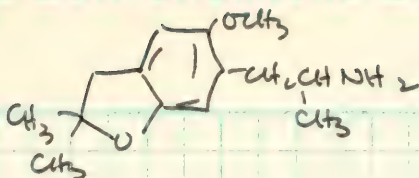
7.7 mg Sept 18 9:30 AM.



PCL
4-OR. DOCL

- June 19, 1971. 12:15 0.030 mg. - no effect. - The next day, Sunday was wild (nice) with hints of a LSD-like intoxic, but not believably related to Sat. exper.
- October 8, 1974 9:00 AM 0.10 mg. - no effects.
- February 19, 1975 10:45 AM 0.20 mg. - probably no effects - some peripheral in a few hours? Not to be believed
- July 4, 1975 12:00 noon 0.30 mg. - 1:00 - lightness? - early rush? 3:30. real talk gritty - gone by 8:00, i.e.
- ± Jan 25 1976 Sun. 11:30 AM. 0.40 mg. - 2:30 [3:00] twinges of uneasiness - not too nice
~~2:00~~ → 5:00 - mastoid pressure, like a yawn - continuous
 basically an unpleasant afternoon - nothing really - certainly nothing psychological - but maybe physical.

SUBJECT



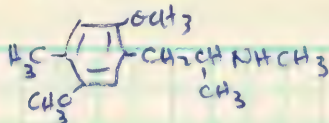
F-2,2

Oct 20.	2:50 PM.	0.010g	no effect.
Oct 22.	noon	0.025g	no effect.
Oct 25	~1 AM.	0.05 mg	no effect - taken on polar flight to Copenhagen. after couple of drinks, dinner. Dozed a while - Had no jet lag.
~ ~~Oct~~ Nov 5?	?	0.08 mg	no effect.
Dec. 13 1971	8 AM.	0.125 mg	no effect.
Dec 27, 1971	7 AM.	0.175 mg	no effect.
Jan 8, 1972	noon	0.25 mg	no effect.
May 13, 1972	9:30 AM.	0.4 mg	no effect - foul mood all P.M. - not able to coordinate efforts - it was hot outside.
May 28, 1972	10:30 AM	0.65 mg	no effect
April 17, 1973	7:30 AM.	1.0 mg	no effects
May 18 1973	7:30 AM	1.3 mg	no effects.
May 28 1973	10:00 AM	1.7 mg	no effects.
June 12, 1973	7:45 AM	2.6 mg	no effects.
Feb. 12, 1975	9:35 AM.	4.2 mg	no effects.
April 15, 1975	11:50 AM	7.0 mg	no effects.
May 20, 1975	9:00 AM	10.0 mg	Something at 1 hr? no effects.
June 14 1975	8:30 AM.	13.0 mg	no effects.

SUBJECT N-Me DOM.

BOOK NO.

DATE



-	3/5/72	1 PM	0.1 mg	N.E.	
-	3/10/72	6:30 AM	0.2 mg	N.E.	
-	4/2/72	11: AM	0.4 mg	N.E.	
-	4/9/72	10:30 AM.	0.7 mg	N.E.	(slight headache next AM - wine?)
-	4/16/72	~ 10 AM.	1.1 mg	N.E.	
-	4/22/72	~ 10:30 AM	1.6 mg	N.E.	
-	6/20/72	8:30 AM	2.2 mg	N.E.	
-	10/1/72	10:50 AM.	3.0 mg	N.E.	
+	10/15/75	8:35 AM	3.0 mg		A very slight unworldly feeling at roughly 2-2 PM (6-7 hrs into it) and was thoroughly manic all day. Probably N.E. felt in even, flat, id-at-ease all day - N.E.
±	11/14/75	10:15 AM	4.0 mg.		2 PM some unwell - as if a slight effect was stretched out over the whole afternoon
±	11/29/75	10:30 AM	5.5 mg		at 10:20 [11:30] an intensification of some overpowering threshold - strange threshold through 1 or 2 PM [4:00 - 5:00] - no after effects - quite willing to go on.
+	2/15/75 [76?]	8:50 AM	6.5 mg		

SUBJECT

Optically Active Don

BOOK NO.

DATE

L-(-) DOM

L(+) DOM.

3/29/72 10³⁰ AM 0.15 mg - pressures in chest (as inhibition-like) at ~5 hrs - no effects.

4/4/72 10³⁰ AM 0.3 mg - maybe slight wiley? - no effects.

4/14/72 9⁴⁰ AM - 0.5 mg - fully stoned & a mg of DOM - lunch & BRIAN - afternoon & the thrown away with CAROL - main - a trace of time shown - but otherwise full hysteria -

COLIN - overhearing a comment from me to JANET - She has an acute hearing, if nothing else - CAROL is loose here - Comments with DICK - the certain amount clearly the 1.1 mg of DOM & the needed stenography had! - some mydriasis - pretty much clear by early evening.

3/31/72 10³⁰ AM 0.15 mg NE.

4/11/72 1³⁰ PM. 0.3 mg NE

4/17/72 9⁴⁰ AM. 0.6 mg NE

5/30/72 10³⁰ AM. 1.2 mg. in middle of afternoon - extensive diarrhea - late PM - both grinding - these! absolutely no central turn on however. NE. cal. chem. lib.

5/4/72 11:45 AM. 1.7 mg. N.E.

8/10/72 11:45 AM. 2.0 mg (new solution) N.E. (pulse ~200 PM 5⁰⁰ - that's all.

8/21/72 11:30 AM. 2.6 mg - I feel that there were cat's skin - some mydriasis, some pulse and signs of blood pressure? - teeth rabby - but still no turn on whatsoever. Hold up Nature paper for me we try & actual dynamic measurements.

24 GRAY - friend & ne. at x mg (+) STP on next day had severe Rx & poor hashish. See comments on N-Me DOB p 208

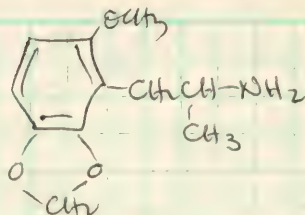
ex. BU

JECT

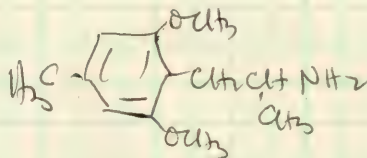
BOOK NO.

DATE

MMDA-5



BU active, at about 30 mg. orally. modestly
 active - not too pleasant. -- he equates qual. to MMDA-3a (late 1972)
 CI (per BU) 15 mg - no report.



Active at 3-5 mg orally - equivalent to 1-2 mg of DOM.
 See page 190 for my own assay.

March 12 1974. ATB

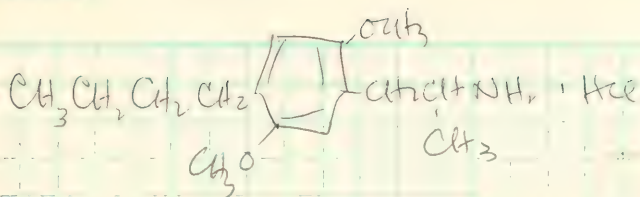
2.2 mg. (9:40 AM.) By 12:50 light-headed - between 2 PM to 5 PM
 increasingly wound up (wame, intro) 5-8 - 2 martinis & dinner
 at Ceph's - (wine, a little - taste awful) - couldn't drink much -
 Whisker's Trial to 11 PM - couldn't sleep 12-4 AM - then eat
 waf. AM - no hangover. Clear threshold at 2.2 (30 DOM at 1.0)

1) DOM = 80 M.U.
 DOBU = 36 M.U.

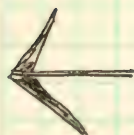
SUBJECT

DOBU

DATE



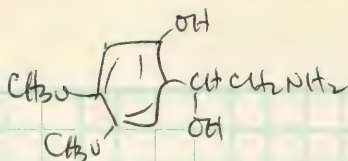
- Jan 21, 1973. ATB. 0.025 mg (12:00 noon) - N.R.
 Jan 25, 1973 ATB. 0.05 mg (6:30 AM) - N.R.
 Feb. 10, 1973 ATB. 0.10 mg (9:00 AM) - N.R.
 Feb. 21, 1973 ATB. 0.20 mg (8:00 AM) - N.E.
 March 26, 1973 ATB. 0.40 mg (9:30 AM) - N.E.
 April 27, 1973 ATB. 0.65 mg (7:45 AM) - N.E.
 May 7, 1973 ATB. 0.80 mg (8:00 AM) - N.E.
 May 29, 1973 ATB. 1.10 mg (7:45 AM) Possible twinges at ~11 AM? N.E.
 July 12, 1973 ATB. 1.4 mg (3:00 AM) Rather sweet?! After 2 glasses wine at 2 PM (late lunch) some time slowing - 3:05 AM's chapter went well 5:30 marital fury at cat for pot in greenhouse - easy intx & stop? Probably no effect, but if there is, slow meet. N.E.
 Aug 18, 1973 ATB. 1.8 mg (7:45 AM) - no breakfast, no booze, no effects.
 Sept 3, 1973 ATB. 2.3 mg (11:10 AM) Lareful - at 3-5 PM - rubbery both, numb-t-fuckle parasthesia - no mydriasis - no CNS effects at all - separate peripheral from central? Go slowly - No effects (central).
 Dec 26, 1973 ATB. 2.8 mg (7:30 AM) - Nothing until ~3 PM. Some irritability - then rubbery - mydriasis - stimulation - but really quite clear - (Phone calls to Duke, Davis - but then the Dica-AD mixup) - still tight at 6 PM then wine (quite abit) but never quite sloppy. I do believe this is peripheral stim. Was I more alert mentally? I doubt it. Let & completed the coke analysis of Fielded (almost) 3 Lagerer flame structures. Go slowly. - Next day - depressed mood & feel most ill - did not sleep through night (dozed?).
 In retrospect - that evening I drank much wine (to get to sleep) and I was in no way drunk! - was Am a "hangover" coupled & no sleep and in DOBU an anti-alcohol?



DOBU
continued

SUBJECT

EYE



ex Chris

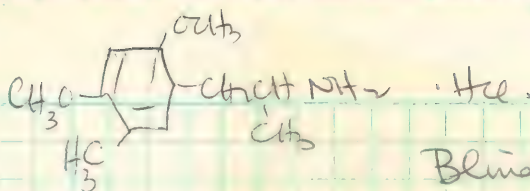
Date	amt.	who	results
8/8/73	25 µg	ATS	no effects
8/11/73	50 µg	ATS	no effects
8/15/73	100 µg	ATS	1130 mm N.E.
8/30/73	250 µg.	ATS	8:30 AM. N.E.

(solution slightly brown).

SUBJECT

BOOK NO.

DATE



Also present:

DOM (HCl)
amphetamine sulfate.

(code) ev
Lynda

as F-310 - 20 mg no effects -
Gwen

A

date amt

B

date amt

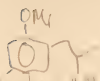
C

date amt.

FOLDOUT BLANK

A F3IC 100.0 mg

B d-10Y NH_3HSCl 100.0 mg

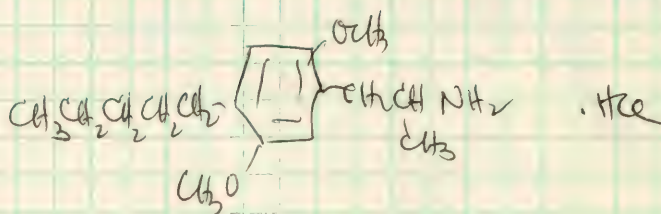
C  100.0 mg

SUBJECT

Trials on DOAM

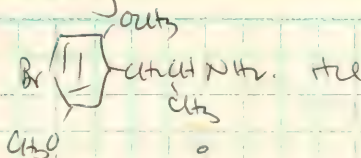
BOOK NO.

DATE



Feb 21, 1974	9:40 AM	ATS	0.6 mg	minor irritability in PM - N.E.
Feb 28, 1974	7:50 AM	ATS	1.2 mg	no effects at all.
March 9, 1974	10:30 AM	ATS	2.0 mg	no effects.
March 27, 1974	10:30 AM	ATS	3.0 mg	Couldnt sleep midnigt → 5 AM. otherwise N.E.
April 13, 1974	10:45 AM	ATS	3.5 mg	no effect (slept well).
May 16, 1974	7:45 AM	ATS	5.0 mg	possibly 10 AM - 11 AM speech mis-articulation first AM i.e. V.C. - was strangely witty - "To climb walls takes great talent" "Day of Great Expectations" - (array of legs & ovs) no sequelae - no trouble sleeping. Probably not Threshold - try modest step forward however
May 27, 1974	8:30 AM	ATS	6.0 mg	no effects - no problem sleeping. ∴ < 13 MU
June 5, 1974	8:30 AM	ATS	7.5 mg	no effects. ∴ < 10 MU.
Aug 1, 1974	9:20 AM	ATS	10.0 mg	clear Threshold. Quite gay & voluble at lunch (Gledits + banana) and bubbled into afternoon. 3-5 a little teeth-rubby - some motor incoordination in writing - strange looseness in driving home from med center. much sherry & sleep somewhat restfully. but OK. 10 MU.

Optically active PBR -



(the "R" isomer was assigned
5 Br⁸² i.v. & had identical
body distribution to the dl.

"R" (-)

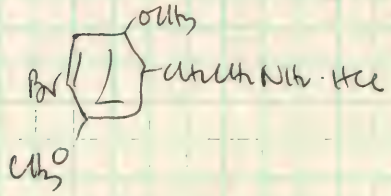
"S" (+)

- March 11 1974 0.10 mg ATS 2:00 PM no effect.
- ± 10/5/77 0.20 mg ATS 7:50 AM - at (3:00) a warmth
and generalized clear feeling - persists for a
couple of hours - possible ±. no vesicles.
- ++ 10/21/77 0.5 mg 2:02 AM - (0:00) [1:30] read &
underway [1:45] am at + me - clear & obvious -
maybe ++ [4:00] smooth ++ with - largely window
quite functional - but probably not drinkable.
(5:00) some drooping (5:30) drop quite quickly
to + or below [8] still aware [11] some awareness
still [14] trouble sleeping - residual strain? ++
- Aug 16 1975 0.10 mg ATS 11:30 AM - no effect.
- July 29 1976 0.20 mg ATS 10:30 AM - strong at 2 PM? -
no effects.
- 6/1/77 0.5 mg ATS 9:00 AM - 10:15? 11:00? - no effects -
- 4/5/77 1.0 mg ATS 10:33 AM - (0:00) - something warm ±
and nice at [1:30]? at [3:00] - still...? - if so, is very
slight. (5:00) with it - ± at most

SUBJECT

Trials on 2-carbon PBR

(norborn?)
(new norborn?)

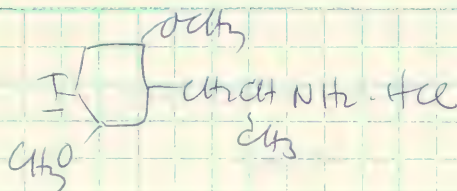


Letter from CH
- 1-5 mg in MDA-let
action -

June 26 1974	0.5 mg	ATS	(11:15AM) no effects
July 9 1974	1.0 mg	ATS	(9:00AM) no effects.
Sept 28 1974	1.6 mg	ATS	(10:30AM) - aimed for door in PM - light effects (?) 11:30-12? Trained parakeets. no
October 13 1974	2.1 mg	ATS	no effects.
October 20 1974	2.6 mg	ATS	no effects.
Oct. 26 1974	3.2 mg	ATS	possible mild enhancement of senses - swallowed Jim's chewing gum at 20 ft. - Quite a bad mood in evening. Very depressed by the waste of time at Belmont - Everyone works his life, etc
Nov. 3 1974	3.8 mg	ATS	no effects.
Nov 17 1974	4.5 mg	ATS	(noon) Possible sensory sparkle in the hour. Remarkable onlette with bits of cheese, onir extremely enjoyable. Threshold? no after effects, certainly nothing abrupt.
Dec 30 1974	5.5 mg	ATS	(11:15AM) - threshold at ~1 hr. ate at 1 1/2 - enjoyed - intense org at ~2 1/2 hrs - completely clear in 4 hrs
Jan 8, 1975	7.0 mg	ATS	(8:15AM) Beautifully effective. light-headedness noted. coming on - it's step-wise building, but each step is easily handled (assimilated) in turn. getting quite exciting - all inputs at once and fun - piano - radio - telephone - typewriter. 1515 leaves for town tomorrow. to lab - good org. synthesizing the poem 100 million spermatozoa; some girls some boys. Eat a melting apple. coming out quickly - regrets - would like to lunch, chess - cold sober - fully active.
March 16, 1975	7.0 mg	ATS	(12:10 - 4 hrs. just unconscious). almost nothing at 1:15 (elapsed time - maybe coming, maybe not; at 2:15 - a hr. of heavy pers - dryness in back of nose - maybe slight del

SUBJECT

Trials m 4-I



4-I

- July 1, 1974. 0.020 mg 11:00 PM ATS There was almost some tooth-rubbing at about 2:00 - been a lunch - therefore no effect - go a bit slowly.
- July 4, 1974 0.040 mg 10:50 AM ATS No Effect.
- July 11, 1974 0.065 mg 8:35 AM ATS No Effect.
- Aug 8, 1974 0.10 mg 8:30 AM AB. General stimulation in P.M., but heavy exposure to I, ... no effect.
- Sept 7, 1974 0.175 mg 10:00 AM ATS no effects
- January 10, 1975 0.25 mg 9:55 AM ATS no effects.
- + Jan 20, 1975 0.40 mg. 10:15 AM ATS. 2:30 (12:45 PM) very lightly spaced reaction 5:30 still lightly spaced - getting a bit done 5:45 (4:00 PM) a bit more! a trace of tooth rubbing 10:45 (9 PM) try to soften & burp - no intake - no sleep. OK. cat naps at last - repeat old CIA dream - AM - OK - no penalty for lack of sleep. Is this a def that is a sense blockade? - note + re-2 version of Jan 11, 1975. The no-burp effect - the no-sleep effect?
- + April 29, 1975 0.60 mg 9:30 AM ATS 3:00 nice spaced light-headedness - clear threshold. 4:00 still light-headed. time moving slowly. 5:00 (2:30 andish) still there - slow turn of farm - real reminiscences - at lower house (vocally pleasures now gone) - Joe's earlier days (high-school teen - "bit w a few" - I see the area - farm - getting old around me - I just can't do it all, and no-one else cares. Will I be allowed to be here when I am older. 7:00 Things seem to be becoming back-to-present.
- = Aug 18, 1976 0.40 mg, 16 µc ¹³¹I. 11:35 AM. could kid myself at 3:00 PM. okumia - n.e.

~ April 1975 7.0 mg ATS Third try: 10:AM 10:00 (10:10 in kitchen clock)

1:15 light-head 1:40 pleasant high - I can explain earlier contradiction - I was looking for the wrong thing.

2:10 full pleasure of everything - 3:00 - gone, largely.

Oct 24 1976 8.0 mg ATS (2:10 PM to 3:00) 0:50 1st hit 1:10 slight 1:10 very gradual - no eye-thrown 1:30 up to 10-20% "window" effect of MDMA - slight edge effect 2nd.

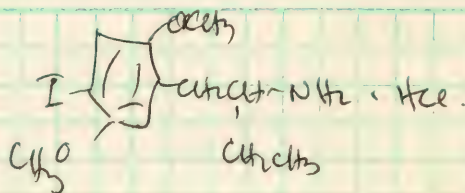
2:05 substantially out - little effect overall - yesterday was 100mg MDMA - perhaps more tolerance?

continued on back 204

SUBJECT

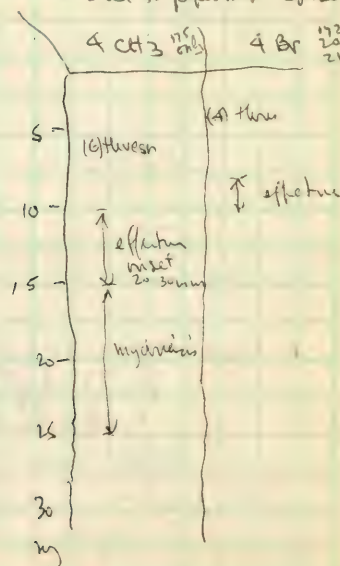
Acute Trials

DATE



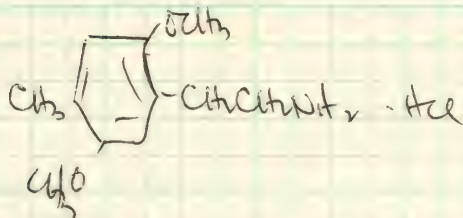
Date	Time	ATS	Dose	Effects
August 23, 1974	10:40 AM	ATS	0.5 mg	no effects -
Aug 26 1974	9:30 AM	AB	1.0 mg	mild tremors in paws - no effect.
Sept 2 1974	11:35 AM	ATS	2.0 mg	no effects.
Sept 27 1974	8:45 AM	ATS	4.0 mg	no effects.
Aug 11 1976	11:25 AM	ATS	4.7 mg (12.4 μCi ^{125}I labelled)	almost none to the brain. Liver, gut has all. Body load - no central effects.

Comparison of Phenethylamine
acid to phenethylamine



Acute Trials.

See earlier
notes re. 1964-5 epts
on page 94.



2-C-DOA!

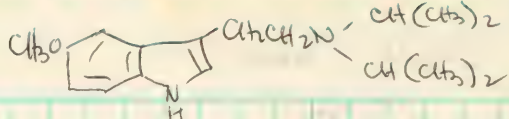
yes - 10.25AM
Nov. 26, 1974 -
2mg - No Effects.

Nov 26 1974 -

One trial at, I believe, 2 mg was made, in
late Nov or early Dec 1974 - cannot find notes.

- Dec 21 1974 12:00M ATS 2.5mg no effects.
- Dec 26 1974 2:15PM ATS 4.5mg no effects.
- ± Jan 3, 1975 9:15AM ATS 6.0mg - a bit of threshold temporal
pressure at 1-1½ hrs - nothing at 3 hrs.
- Jan 11, 1975 9:05AM ATS 8.0mg no effects - note 4E 1/10/75 1/5/75 touchy? 4E 1/10/75 1/5/75 touchy?
- ± Jan 24, 1975 10:50AM ATS 8.0mg after > 1 week drug free - slight coming
on at 11:45 - certainly clear by 1:00 - not noticeably
different than the N.E. of 1/11/75. advance to 10mg
without - then with ~15 hr breast - 4-E.
- ± February 6, 1975 9:55AM ATS 10.0mg slight teeth, slight throat dryness
at 12:30 - stim. & long - certainly out at 2:00PM. N.E.?
- ± February 16, 1975 10:00AM ATS 12mg: at 11:00AM (1hr) a wee bit - if this is all, I
am disappointed that it was only 12mg. Very slight
effect from 1-2 hrs. that is all.
- ± February 23, 1975 8:00AM ATS 5mg in an hour or so - a slight effect - that's all.
- ± August 19 1975 11:00AM ATS 15mg - slight effects, 1-2 hrs.
- ± Dec 15, 1975 10:30AM ATS 15mg - slight if any effects 1½ - 2 hrs.
- + Nov 26, 1976 9:40AM ATS 20mg. - at [0:50] maybe slightest effects. [1:30] I
seems to be a little spacy - I can focus on whatever I wish
to. [2:00] decide to focus on chemistry - and that pretty
much ends it all. Substantially no effect.
- date - 1976? Gray 15mg and 20mg - few hrs - agree - bit < CH letter 1/4/77
- ++ 6/6/77 9:03AM [0:00] [1:40 - 1:00] develops to a somewhat brittle effect [2:00] + or ++ stoned -
[25mg?] Sensible - not nearly the fun of MDA - [5:00] out - ++ OK. I
do not find this useful or instructive - shallow & brittle.
- + 5/18/78 7:50AM [0:00] 20mg [0:40] something very subtle starts (1:00) a subtle + one
basically nice - I wish it were more intense [1:20] very real
+ - intense ej!! [1:35] between + & ++ but I can do anything
I wish to. So. chop weeds. drift back inward + fully

SUBJECT



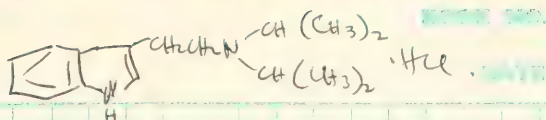
BOOK NO.

DATE

S-0013 DIPT

- June ~ 4 (Thursday) 1975 8:45 AM. 1.0 mg no effects.
- ± June ~ 10 (Tuesday) '75 10:20 AM. 1.8 mg Visited AD at Dow - bridge at ~ 1200 with noticeable tremor - hand shakes - prob bridge dilation? prob. no effects.
- June ~ 28 (Sat.) 1975 10:10 AM 2.5 mg slight teeth-rubbing - no effects.
- + July ~ 12 (Wed) '75 10:40 AM 3.2 mg real threshold - or a bit more!
- real time
0:20 mild light-headed - nice
0:30 light intox. very nice - looks forward to more.
- 0:50 walked out to mail. gentle sparkle and compelling amazement at my hands - quite apart from me - sensory anastrophia? - a warm, friendly, allied world about me.
- 1:30 signs of drooping
1:35 31 - magnificent -
1:45 (12:25 PM) definitely dropping off - slight residual tooth-rub.
- 3:05 drove well - completely out.
- ++ July 30 1975 (Wed) AD. 9:30 AM. 4.0 mg. real time 0:00 real effects.
- 0:25 Knees a bit wobbly - something is happening -
0:35 orgasm-like feeling on face, in eyes, at temples - erotic!
0:55 spaced - completely delightful - some light flickers (above eye line of sight) - enjoy play w words. light lighting etc.
- 1:10 Heavy flamed - strong startle Rx - MADA-2 info! 209 = 209 am I past peak?
- 3:00 completely out.
- + August 27 1975 10:15 AM. 5.0 mg 0:00
- 0:15 light of head? dry of nose? psychosomatic
0:20 slight muscular shakes
0:23 on it comes - nice
0:30 full. slight dilation
0:50 whatever I want to attend to, is fully amplified. I keep moving about with my eyes, ears, senses, to see where they will alight. Music, a symphony from a 3" speaker is artificial - the piano (real) is excellent
- 1:15 maybe slowing a bit. JOE came, wanted so much to handle well. 2:00 subliminally out.
- ++ Sept 3 1975 9:30 AM 6.0 mg. - notes on page 198 continued p. 213

SUBJECT



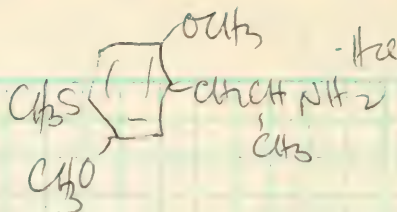
DIPT.

- ± July 9, 1975. ATS 10:30 AM. 10.0mg Threshold - clear dilation -
much tooth rubby - 1 hr ↑ 2.5 hr ↓
- + August 3, 1975 ATS 9:50 AM. 14.0 mg - More than threshold -
0:30 teeth rubby - some effect.
0:50 not light head, but light body. From here to about 1:30 a
strange trip - my mother's writings - mom-sor-dialog - lunch
finally at 12:00 and this. 2:10 still a little unreal -
not the 5-076 erotic - but some real effect. Up again, but slowly.
- BU report late 1972 - 25mg orally → visual change in films, not color - 1 hr
of it is like acid, and in three hours it is over.

- ++ Nov 9, 1976 ATS 4:00 PM. 18mg [0:00]. Mild effects noted at [0:00-1:20] easy excitement.
[1:30-2:30]. Remembers changes in sounds heard. 1515's voice is basso - like a
cold - my ears & st. pressure as if the ~~set~~ ear tubes clogged but they aren't. Radio voice
are all low - music out of key. Piano sounds like a bar room disaster. Cannot
count on auditory feedback to play. The telephone sounds faintly underwater.
No - sounds at 2 levels. [3:40] I think music pretty much normal again -
virtually no other effects. Certainly clear at (6:00) - probably much earlier.
- ++ April 7, 1977 ATS 9:20 AM 24 mg [0:00] - (0:20) saw slight change (0:35) first signs of
pitch change on radio - hard writing very poor [0:43] in lab - music deteriorating - I
cannot measure rate of drug effect - as there is absolutely no window [0:55]
absolute pitch down a major third - chord on piano sounds out of tune, quite
flat - and when struck, tends to drop and then waver in pitch. Terrible
[1:30] gospel - music extraordinary and unlistenable - [2:00] middle notes -
(G above C to E above C above C) have glottal stop after - normal - nowhere there
here - and on to [3:00] when there is some stinking out - none the other times
in any way affected. [5:00] sounds returning - in a quiet environment there are
absolutely no effects of any kind. If I were here this would have been an
inactive case. How many other drugs have I given a (-) to & come I did
not know where to look! [7:20] - hearing normal: piano back in tune. ++

SUBJECT

DATE

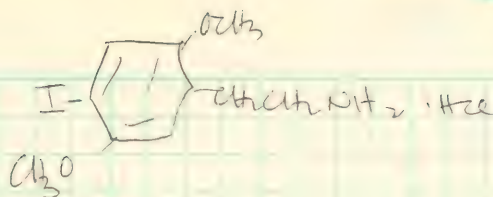


DOT-Hce.

PARADOX

- Sept 3 1975 11:30 AM ATB 0.25 μg no effects.
 - Sept 5 1975 ATB 0.5 μg no effect.
 - 9/7/75 10:40 AM ATB 1 μg no effects.
 - 10/10/75 11:30 AM ATB 2.5 μg no effects.
 - 10/12/75 11:50 AM ATB 5 μg no effects.
 - 10/17/75 11:30 AM ATB 8 μg no effects.
 - 10/22/75 11:48 AM ATB 13 μg fore warmth? no effects.
 - 10/31/75 9:123 AM ATB 20 μg no effect
 + 11/3/75 10:21 AM ATB 30 μg vaguely light-headed all day - no effect.
 - 11/10/75 11:30 AM ATB 50 μg possible fore warmth? no effects.
 - 11/12/75 11:35 AM ATB 80 μg no effect
 - 11/16/75 12 noon ATB 120 μg immediate lunch call, may etc. too bad. N.E.
 - 11/27/75 10:45 AM ATB 160 μg no effects.
 - 12/1/75 12:30 PM ATB 250 μg no effects.
 - 12/3/75 12:25 PM ATB 400 μg wait a few days - scale up slowly N.E.
 + 12/7/75 11:15 AM ATB 550 μg [1:45] slight light-headedness which lunch
 quitted. [2:00] - [2:30] occasional tachycardia - probably N.E.
 - 12/10/75 10:45 AM ATB 700 μg no effect.
 - 1/4/76 10:30 AM ATB 1.1 mg no effects.
 + 1/11/76 10:45 AM ATB 1.7 mg [1:30] (12:15) distinctly spacy - interesting - go to
 lunch. [3:15] - [4:15] with rubbery threshold? [5:00] nothing.
 + 1/23/76 10:00 AM ATB 2.5 mg real threshold. 11:30 on [1:30] continuous threshold
 intoxication - on into afternoon - no difficulty with the handling
 on new chemical ideas - finally at [5:30] only a residual warmth
 + 2/11/76 11:00 AM ATB 3.2 mg completely real threshold [1:15] (12:15) noted
 1 $\frac{1}{2}$ effects. [3:00] - [4:00] happy manic intoxication - clear or
 virtually clear at 4 PM [6:00] - just enter dose 5-10 mg.
 + 2/21/76 11:00 AM ATB 4.0 mg very clear (and intense!) threshold. No effect
 of intox can be noted. Not really pleasant, not pleasant -
 seems - no time. But clear thresh from [1:15] to about [5:30].
 ++ 7/2/76 10:50 AM ATB 5.0 mg extremely effective, purely psychotic like intox.
 [0:50] warning of lower deep [1:35] warm all over - effects on usually.
 [1:50] intense - no sense of reality changes! - not yet any way -
 [2:30] - [5:10] intense intellectual stim $\rightarrow$ actual report - 14 pages of
 notes - will not be [6:00] - not affected - confusion & lower afternoon.

SUBJECT

2-carbon
DoI
4-I

Jan 28 1976

10:55 AM ATS 0.5 mg no effect.

3:55 PM ATS 1.0 mg (4.2 μ ^{131} I) no effect.

- 1/29/76

Dave 2.0 mg (0.75 μ ^{131} I) no effect.

± 1/30/76

10:20 AM ATS 5.3 mg (2.0 μ ^{131} I)

Pharmacology: distinct threshold - pains lessen to 12 N but ~11:30, in French prelude syst-readings - things get strange - driving back to U.C. needed care. Body scanner all tied up by Larry. back in at 2:30 for scan. All effects gone by then.

Radioautography - 22 mm scan (1/2) - 44 mm scan head & heart
Right hand contamination → ~0.2 μ interval standard.
based on this: load % of 20 μ .

hand 0.2

brain ~0.02 ~0.1%

thyroid ~0.05 ~0.2%

salivary glands ~0.05 ~0.2%

Very fast excretion (with 1/28/76 run - 25% in 2 hrs, 50% in 6 hrs)
(with 1/30/76 run - workup period 4 hrs)

± 3/1/76

11:10 AM ATS 6.5 mg (0.00) at [1:30] slight light head. at most, a marginal threshold

8/2/76

6:30 PM ATS 8.0 mg (0.00); [1:40] "eyes out of focus" - coming on - some

± (+) dryness in throat-nasal area. [2:00] still finding humor in everything. but teeth rubbing - some "snoozy". [2:30] some retinal blurring - ripples in pants leg (as near as I can) can be put into ripples by frowning, high - but even now - effects wearing off. Real threshold. Am willing to try a little higher.

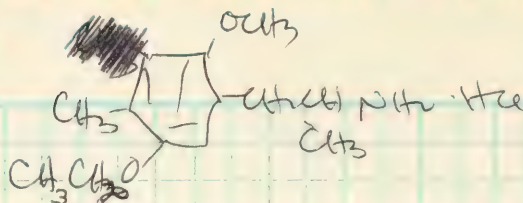
++ 11/28/76 10 mg ATS 10:58 AM = [0:00] at [0:40-0:50] feeling of fibers being pulled over the ears [1:00] more so - no hint of windore [1:35] some clouding of vision - this is not the 4 Bv 2 carbon in any way - I am in a not too-sensible stoned state no landmarks to locate effect - basically I don't like it - being psychotic - mimicked without a sense or vector to point to. [5:00] completely back together again. I feel I am insensitive - someone else might find this most disruptive. On a case, or in someone else.

(Minimal side-effects)
Dave & Edward 5 μ g / 11 mg
<0.3% thyroid
55% in gut.

SUBJECT

BOOK NO.

DATE

IRIS

-	3/13/1976	11:25 AM	ATS	0.1 mg	no effects
-	3/16/1976	10:45 AM	ATS	0.2 mg	n.e.
-	3/19/76	10:30 AM	ATS	0.4 mg	n.e.
-	3/22/76	11:15 AM	ATS	0.7 mg	n.e.
-	3/23/76	11:30 AM	ATS	1.0 mg	n.e.
-	3/28/76	11:00 AM	ATS	1.6 mg	n.e.
-	4/8/76	10:00 AM	ATS	2.5 mg	n.e.
-	4/11/76	11:15 AM	ATS	3.5 mg	n.e.
-	4/16/76	10:30 AM	ATS	5.0 mg	n.e.
±	4/24/76	10:10 AM	ATS	7.5 mg	Threshold at 1:30 <u>3.20</u> and in an hour <u>4.30</u> all over. Completely believable - try next at 9 mg.
±	5/2/76	11:15 AM	ATS	9.0 mg	slight toothrub <u>4</u> light headed <u>5:00 - 6:00 ?</u> little effect of any.

I have read pages to in
notebook and understand their con
There are no blank pages except
All entries are in the handwrit

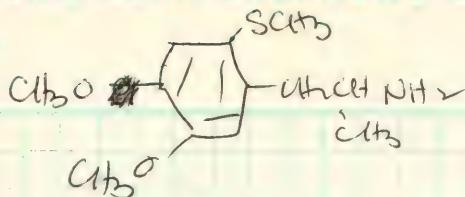
Signed: _____

Date: _____

Signed: _____

Date: _____

SUBJECT



ORTHO DOT

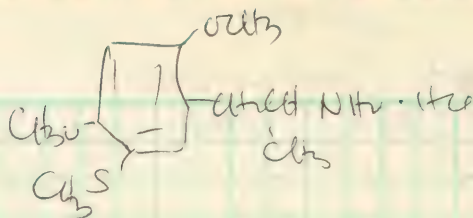
-	3/17/76	11:45 AM	ATS	0.1 mg	no effects.
-	3/20/76	10:30 AM	ATS	0.2 mg	n.e.
-	3/25/76	11:30 AM	ATS	0.4 mg	n.e.
-	4/10/76	11:00 AM	ATS	1.0 mg	n.e. ← 4/1/76 0.8 mg 10 AM n.e.
-	4/17/76	12:10 AM (noon)	ATS	1.6 mg	n.e.
-	4/21/76	10:40 AM	ATS	2.5 mg	n.e.
-	4/30/76	11:30 AM	ATS	4.0 mg	n.e.
-	5/10/76	12:20 (noon)	ATS	6.0 mg	n.e.
-	5/17/76	10:40 AM	ATS	10 mg	n.e.
±	8/20/76	2:45 PM	ATS	16 mg	(maybe was displaced 5-7 PM, mostly. Maybe not. n.e.)

SUBJECT

BOOK NO.

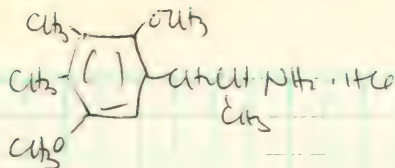
METADOT

DATE



- 3/18/76 10:15 AM ATS 0.1 mg no effect.
 - 3/22/76 11:30 AM ATS 0.22 mg n.e.
 - 3/28/76 11:15 AM ATS 0.50 mg n.e.
 - 4/9/76 10:30 AM ATS 1.0 mg n.e.
 - 4/15/76 3:30 PM ATS 1.6 mg n.e.
 - 4/19/76 11:10 AM ATS 2.5 mg n.e.
 - 4/26/76 10:30 AM ATS 4.0 mg n.e.
 - 5/3/76 10:15 AM ATS 6.0 mg n.e.
 - 5/14/76 12:55 PM ATS 10. mg (new soln.) n.e.
 - 8/6/76 11:00 AM ATS 16 mg (weighed) n.e.
 - ± 6/22/77 10:30 AM ATS 25 mg [1.15] extremely thin threshold? (5.0) still a little raw neurologically.
- Some sense-larks now and then. (8.0) all clear. at unit, ±

SUBJECT

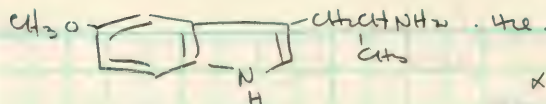


CITN-5A-

- 4/6/76 2:00 PM ATS 0.1 mg n.e.
- 4/18/76 11:00 AM ATS 0.25 mg n.e.
- 4/22/76 10:15 AM ATS 0.5 mg n.e. (starving at ~3 PM?). n.e.
- 5/1/76 10:50 AM ATS 0.7 mg n.e.
- 5/6/76 11:00 AM ATS 1.0 mg n.e.
- 5/12/76 11:45 AM ATS 1.2 mg n.e.
- ± 6/1/76 8:30 AM ATS 1.6 mg possible threshold - dose taken unfortunately within an hour of breakfast (2.00-2.30) slight unworldly. still there at 4:00 effects?
- 6/27/76 10:25 AM ATS 2.0 mg probably n.e.
- 7/7/76 12:00 noon ATS 2.9 mg (eat lightly 12:45-1:15) - 4 PM still kind of hungry? n.e.
(P.S. - unable to get to sleep that night until 5-6 AM - next day - several light-headed moments - take a 2-week experiment break of several days - 7/14/76 - no reaction - n.e.).
- 7/22/76 12:00 noon ATS 4.0 mg - slightly head - little in afternoon n.e. - no after effects in next day. n.e.
- ± 8/4/76 11:30 AM ATS 5.0 mg - some mild threshold 1:35-1:45? disaffirmant! there was none. n.e.
- 10/2/76 11:30 AM 6.5 mg - afternoon "wz" - slight if any effects. n.e.
- ± 11/13/76 2:30 PM 8.0 mg - (turning slightly pink) - maybe some slight starvation at 6:00-8:00 (~8:00) while practicing piano maybe not. probably no effect. no difficulties sleeping - no next-day effects.
- 7/30/77 10:30 AM 14 mg - a surge of paraesthesia at (2:20) that was all - (-).

SUBJECT

DATE



X-O Dimethyl serotonin

- May 4 1976 10:00 AM ATS 0.1 mg n.e.
- ± May 8 1976 4:25 PM ATS 0.2 mg something slurry - vsp? m. n.e.
- May 11 1976 10:10 AM ATS 0.4 mg n.e.
- May 19 1976 10:40 AM ATS 0.7 mg n.e.
- + June 1 1976 10:15 AM ATS 1.0 mg threshold!!! First afferent at 11:15 - 11:30
a very light unworldliness - on through Lori's seminar in the
old clinic bldg (12-2) with a completely spacedy afternoon. Still odd
at 3:00 PM 4:45 - quite bloated, little urination. In PM (10 PM)
clearly out but a fragile frontal headache - still little urine.
- + June 13 1976 10:40 AM ATS 1.3 mg 11:00-11:20 (11:40) some stomach cramps, alternating
± slight light head. 3:00 nicely stoned - no question - drift on through
afternoon - water grapes - no preformed kump. no headache - urine seemed ok.
not as much effect as the 1.0 mg dose? This is quite long-lived.
- ± Aug. 7, 1976 11:15 AM ATS 1.3 mg - perhaps slightest threshold during afternoon. n.e.
- Aug 25 1976 1:00 PM ATS 2.0 mg - (2 hrs following my 5-outs DMT study) - (2:00)
± 2j + 2,3 after stroke - (2:30) believable something - almost like residue of
5-outs-DMT. (3:00 - 4:00) heavy diarrhea - slight effect in sun.
- + Sept 1, 1976 11:00 AM ATS 2.3 mg - to verify threshold away from 5-outs DMT. (0:00)
(1:25) - no question - really turning on (2:30) Still no question. - but what is to be seen
(3:00) - thorough diarrhea - clearly (mentally) an ABC waiting for some sensory, or
perceptual, or conceptual event to occur.
(3:30) a little of the DMT yellow-filth.
(5:30) clearing - in retrospect, I don't know what it was all about - it was as if I
was in a state of preparedness (≈ a plate of skulls open) waiting to provide nutrition
to whatever was to be introduced into it. But there was no inculum. I didn't
contribute my share. Is this why DMT is so many things to so many people? A
good argument for threshold being a better measure of drug potency than full dose.
Had a slight fragile (hang-over-like) headache in next AM - gone by noon.
- +++ Sept 10, 1976 10:45 AM 3.0 mg Full active dose - see page 196 for details.

Studies continued on p. 252

SUBJECT Qualitative Description - TMA-2

12mg + 1mg = 13mg TMA-2 Sunday May 30, 1976: 11.40 = 0.00 - no 2nd for 5 months -

[1.00] Onset of first threshold effects - slight nausea - probably coincidence - but numbness of 4-5th fingers of left hand (see 1st exp.). But these fingers have been troublesome (left hand too) and are often asleep on awaking in mornings -

[3.00] Really pleasant, with active euphoria. Set behind lab as steps in the house often I have been apprehensive in a drug assay that some emergency or other crisis might occur requiring some logical action, and would I be able to respond adequately - but I have realized that if a fire, strange person, insect were to threaten - then, and only then, do I need to consider the situation - so - until then enjoy - I did.

This was in especial contrast to yesterday's study in DMT - perhaps I was so attentive to the possibility of some falling-down-stored reserve, that I neglected to be receptive to a true altered state of consciousness - without perceptual change, without perturbations inherent, without the LSD impact or the DMT physical aspects.

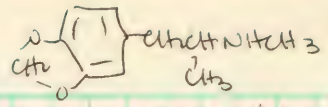
I am completely convinced I would be able to handle it by myself and thus as a full dose would quite accurately be 20 M.V. (with succinyl at 300mg base - say 320mg = exactly 20 M.V.). However, I would not care to pretend to be responding normally to a demanding world.

[5:20] Still with it. Tried to elicit visual distortion by going (1st time) into Cort flus inputs in W Creek. No such induction. Did a rather bad job of driving however. Had to pretend distractions. To "All The Presidents Men" - with no clear visual distortion. I MUST REMEMBER - an ASC need not have visual distortion as a symptom!

[5:00] Drove to Berkeley Farm for dinner & D & her mother. Still odd drug which W. commended on (what is the matter with you?). I had forgotten where the place was! Clearly emerging. on into evening without further events except a light sweatsiness (10.00) - (12.00). Difficulty (mental disturbance) in going to sleep.

This is a clear ASC process - perhaps valuable to describe (display) to a subject what this all is - without some abnormal sensory modality demanding attention by misbehaving. Interesting day!!

SUBJECT



N-Me MDA - MDMA

~ 1975 Marty - reports considerable amphetamine-like content.
- 2 other people, not at in scale of +4 - one is AMOS Rich.

~ 5/30/76 100mg Fredo (+2) Rapid onset in ~ 1 hr - lasts to 3 then drops off quickly - mydriasis persists to 4 hrs. Emotional experience and basically good reaction by all three. Little detail.

- 9/8/76 16mg ATS 11:30 AM n.e.
- 9/9/76 25mg ATS 7:20 PM n.e.
- 9/11/76 40mg ATS 2:35 PM n.e.
- 9/17/76 60mg ATS 12 noon n.e.
- 9/27/76 80mg ATS 10:22 AM [0.53] smooth

TMA - (345)
120 GA - n.e
240 share +

FLIP - on N-Methyls

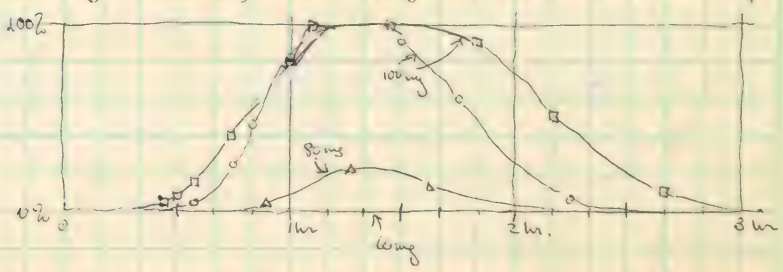
2.5 MHA	24.5 MHA	246 MHA	MDA
30mg n.e.	30mg n.e.	30mg n.e.	15mg n.e.
	120mg n.e.		30mg n.e.
			40mg n.e.
			60mg n.e.
			75mg n.e.
			100mg n.e.
			120mg n.e.

CB 75mg. fine control.

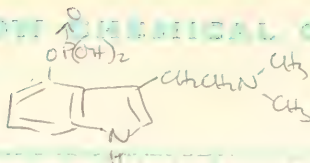
shift into light intox [1:16] distinct - almost early-
alcohol-like intox [1:38] am I past peak -
coming down already? yes! [3:00] out.

→ 10/5/76 100mg ATS 10:00 AM [0:35] first awareness - smooth - very nice. I will be attentive to sensory changes (there are none) - looking forward & interest. I can and do quickly accommodate to this ASC. [0:45] still developing - but I can easily accommodate it as it comes. Under excellent control. [0:50] getting quite deep - but I am keeping apace. [1:00] well into it - but I am accommodated - pains went well - lots of time to search out correct notes - no mydriasis - no physical tox [1:30] from 100 → 50% starting to clear. [1:45] trial ext., ej. time. rapid recovery [2:15] → 5% I am substantially out. 3:00 all out. I will try 125

→ 10/23/76 100mg ATS (3:52 PM) [0:00] [0:27] first slight hint [0:30] start [0:35] roll of eyes & a bit of ext. int. 15% - I might have said "I feel that drunk". [0:45] at 40% I don't think I am suppressing it - a real 40% [0:49] time slowed? [0:57] largely windows (80%?) [1:00] a little dilation. [1:03] complete windows - complete control none the less [1:12] holding steady [1:25] Easy ext. - no need (ability?) of ext. [1:50] dropping? [2:00] down to 50% - sex & rain (6 PM!) extraordinarily pleasant - she turned on tv! (this was my return day from Washington) [2:40] a few % left [3:00] out



cont. p. 207



Psilocybin

- 6/3/76 10:27 AM ATS 1.5 mg. n.c.
- 1/8/76 11:35 AM ATS 3.0 mg. clear threshold - noted at [0:30] - slight shimmering - I think there will be various effects at somewhat higher doses - slow drop off through afternoon - clear by [4:00]. Proceed with interest.
- 8/10/76 11:30 AM ATS 4.3 mg. [0:30] effects coming on. tingles, yawning. [1:00] - [2:00] very much like being with people - Patti at bank - search with Jackie - she had gone south again - stacks of library - cold - waste of time (got a lot done) - still aware at [3:00] but all clears up promptly. Proceed with interest.
- 1/14/77 5:10 PM Jan 14 Friday 6.6 mg ATS [0:40] 1st awareness - clear window effect. [1:00] eat full dinner - effects develop during the meal. Up to ~20% window some hints of animal faces in the fork - deep bones. No movement. [1:40] nothing flows, but it would take much effort [2:00] dropping quickly - only the slightest effects left. [2:20] out [2:40] out. The forth-coming 10 mg experiment should be a delight. But allow 1/2 day free for it. I would be completely unable to distinguish this, at 6.6 mg, from MDMA at 50 mg.
- 1/20/77 9:45 AM Jan 20 10.2 mg Sunday Psor, ATS first flash at [0:27] driving up 5% to clear a little window - not much more until [0:45] - coming on more. [1:00] comfortable in security of club library [1:45] - I can make the world more a little - but I can do that without drug too. These little effects drift away over next couple of hrs.
- 1/21/77 10:30 AM 10 mg Dave effects volunteered at just [0:30] (felt before) - overall ~50% of the 300 mg overdose effect. - comment - my "4C" overdose #1.
- 4/27/77 9:30 AM 15 mg [0:00] [0:10] 1st notice - "early-warning" system - I stay flat at this first level to about [0:25] - then it builds up [0:27] I am awfully glad I have more window knowledge - what is happening here to me, appears to be what others get on MDMA. [0:25] visual distortion - I can't find the cap to the pen - must I keep writing forever? At this point I couldn't drive - I couldn't even write. [0:30] - [0:57] mild development further in office moves up & down [1:00] he down - eyes closed - This is where it is. eyes closed - all mind imaging - still - eyes open if there is no visual input. a dark room or a fire in the fireplace in the middle of the night - no other input would be dramatic. eyes closed - body image in front of face, and I can synthesize 2x removed a complete hallucination [1:45] try again. already passed the peak in good. [2:00] to wash - this is a high-time drug - some movement, but daylight washes everything out. Warnings got it the proper way. [3:00] pretty much out - muscles OK - timing OK. would I try a new experiment, say - LSD - OK but - no reservations - [4:00] completely back. no reservations. I had peaked within the 1st hour - and was definitely on my way down in the 2nd hr. The experiment above, at 1/21/77 - may have been in fact to Dave probably distorted his timing terribly.

15-77 interaction xpt. 10/8 mg
- next colored forms -

SUBJECT Qualitative effects of TMA-6. (cf page 150)

June 15, 1976 - 16 mg TMA-6 - 3:00 PM 2 hrs. P.P. time 0.00 1.30 maybe something.

2.00 still uncertain - something developing?

2.30 color interpretation wild - orange = sign - Red may be birth (blood, sunrise) - but orange precedes red - anthocyanins $\rightarrow$ carotenoids, brilliant chemicals in lab - outside world all blues and greens - blue - but already born (and certainly already long ago conceived) - and the earth knows and such are almost dead already. 3.30 - sit behind lab - most pleasant mental wandering - into food. "eat - lie in mottled sun so that leaf-shadow in wind flicks eyes - eyes-closed glow - storm of light - color patterns weak. 4.30 eat dinner - just fruit salad - but - 'not are oranges' (luckily I didn't think of the Spanish translation of 'AC' - (a) = orange. 5.30 lum and avar - just lightly stoned and washed I had paid more attention to the earlier effects - it is slipping. 6.00-7.00 preha (paw) vigorously - pretty much gone. 7.00 still a little left with.

TMA-6 ^{phenol} Tr-methoxy-^{phenol}isopropyl
Fred's notes from
his file. 1966-67.

11.7 mg 10 Feb 66 4³⁰ pm (5 mg Ritalin at 3³⁰ pm - forgot until
I'd taken the TMA-6)

~30-7³⁰ pm (1 to 3 hrs) felt slight distortions of time
and space, some enhanced emotional affect. No color enhancement.
Threshold only, and may have been enhanced by Ritalin.

8.3 mg 1 Mar 66 5⁰⁰ pm

1/2 - 1 hr slight pronounced effects - queasy, uneasy -
3-5 hr Peak of effect. Some perceptual distortion, color
enhancement, but not much. A little difficulty with balance

THE DOW CHEMICAL COMPANY

RESEARCH DEPARTMENT

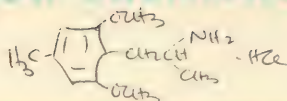
3. The following data were obtained from a series of experiments conducted on the effect of the compound on the behavior of the subject. The subject was a male, white, 35 years of age, 175 lbs., 5'10" tall, with a normal weight of 175 lbs. The subject was given a dose of 26.0 mg of the compound at 8:00 pm. The following data were obtained from the subject's report:

26.0 mg 31 Jan 66 ^{87?} 5:00 pm Peak 8-9 pm (3-4 hrs) Some pronounced euphoria, to name just a little. Color enhancement strong.

3 TMA-6 cont

26.0 mg - Emotional effect strong. Dance class 8-9:30; initially awkward, but as I warmed up had no difficulty; felt very free and expressive. Some lower bowel cramps before and after dance class, none during; ^{felt need} ~~compulsion~~ to defecate, could not, but release of some gas relieved this sometimes. Dinner at 7:00, when effects were under way, was very hungry and ate well (whereas mescaline suppresses appetite). Went to sleep easily at 12:30 pm. From 8 to 11 pm had some brilliant but not too well-structured eyes-closed images, jewels, lights, silver + gold. Equivalent to 250-300 mg mescaline, 35 µg LSD.

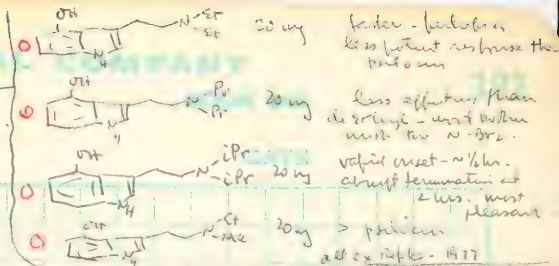
SUBJECT



Z-7 !?

(See page 166 for BU comments).

- 7/6/76 11:35 AM ATS 1.1 mg no effect.
- 7/10/76 11:20 AM ATS 1.8 mg [1.00] out of limb [2.20] couple of it-headed bumps. n.e.
- 7/14/76 11:00 AM ATS 2.6 mg n.e.
- 7/20/76 11:15 AM ATS 3.0 mg [1.00] out [4.00] - some odd awareness? - motion in or around Xerox machine? - certainly, nothing at [6.00] - n.e.
- 8/4/76 1:25 PM ATS 4.0 mg [1.00] eye surface? slight yawn - curious to go on by [2.00] nothing. n.e.
- ± 8/15/76 12:00 noon ATS 5.5 mg [3.00-4.00] maybe slight muscular irritability - nothing central at all. [5.00] slight teeth rubbing, awareness? [7.00] - nothing. I imagined it all n.e.
- + or ± 8/29/76 11:15 AM [0.00] ATS 7.0 mg [0.55] twinge in skin [2.30] more or less continuous threshold (2) - speculate what 2nd dose would have done! [3.15] sound diarrhea and generalized twitches signs - parasthesia - a nice apprehension. [5.00-6.00] things might still crawl! [7.15] I could kill myself that the hyperventilators were crawling. It is now midnight [12.00] and I am unsure that I am yet out of threshold. - go up with interest, but prepare for a long day. n.e.? possibly threshold! - probably threshold!
- 9/6/76 10:30 AM [0.00] ATS 8.0 mg [2.15] not gentle y threshold - that all [4.30] same [8.30] gone.
- ± 9/14/76 10:55 AM ATS 10 mg [50:50 dialethic). maybe light light-headed threshold. n.e.
- + 10/27/76 10:00 AM ATS 14 mg. [0.00] [1.30] a little spacey. [1.45] to lunch - I am in a threshold - talk volubly & 'Jill' all afternoon - real threshold to [6.00] able to drive home (photohubria from eye infection) - I can easily go from one train of thought into thin air - I must, to get to answer, logically force myself to choose my words - I ~~would~~ would have liked to have been alone on the farm. evening french lesson excellent [9.00-12.00]. The threshold lasted from [1.45] to about [8.00]. No trace of MDMA window!! This is an interpretive drug, not an ASC window! I must repeat and compare directly against recent STD, DOET. There might have been "unusual" effects even at 7 mg.
- ± 3/13/77 10 mg 4:33 AM [0.00] [2.00] not having something? all afternoon - some jaw tight? only ± at 11 AM - at [24.00] - still a little 'pop-eye' - but no trouble sleeping.



3-alkyl tryptamines

Acid: BG - late 1972.



active at 2 mg (?) smoked.



active at < 10 mg smoked, pleasant



active at (?) 5mg ORALLY.
00046

other notes - 417

Chronology on 5-methoxy-N,N-disopropyltryptamine. See page 176
 ++ ATB - Sept 1975 - 6.0mg at 9:30 AM = [0:00] distinct (and unpleasant) taste.
 [0:16] maybe some muscle ataxia?
 [0:20] real effects - so soon! - most pleasant
 [0:25] rapid decreases Ford & Ford (Ford?) rancid - and that's the news! E.g. 1 - could
 [0:42] excessively strange - can't put name to it - into garden - pull weeds with
 great significance to each weed - MS cat joins me - understands - backs to back
 [1:15] at lab - the radio goes on - performed, found, fun, performed, before, return
 [1:30] I have found the name of the cat - LSD! - there goes my no-act
 mentini - maybe another alkyl chain on the N - Oct for mail -
 weird people at entrance - car has stereo going with Sitar music ?? - it
 sounds that way - tempted to go on around up hill, but scared of highway,
 it's a long long way from parking spot to mail box.
 [1:55] back to lab - time experiment (try to show clock → summer & winter
 pitch drops as well. Ineffective in trip on radio. Clock 2nd time OK.
 [2:00] E.g. 2 - ok - miffingly enjoying the state - would hate to have to
 attend to anything serious or logical.
 [2:40] time moves quite probably now
 [2:45] rapidly coming out - and all is OK. It is only 12:15 - quite a
 morning. All that within 3 hrs! ++
 + ATB Nov 5, 1976 4.0mg at 1:00 PM = [0:00] to check threshold. [0:35] se. aware - never
 are there threshold [2:00] clear for.

continued p 218

29 June 1970

3³⁰ pm 5 mg RvH5³⁰ - felt happy smiling, slight stimulation.11³⁰ - Some how felt more spontaneous - did things instead of just thinking about doing it. What I did was me - but somehow more me.

Others in family agreed - I was less inhibited, less caddy.

4 days later - It lasted about two days - then back to nervous cranky self.

It seemed like a beautiful drug with all the peaceful, calming effects of MDA - but at no time did I ever feel high or stoned.

3 July 70

9:10 AM 8 mg RvH

12:30 PM Strange state - Introspective, hyperemotional when reading & listening to music.

1-4 pm - 3 hr nap

after - Some sort of calmness

4 July - " " "

5 July - Very depressed (& looking back there seemed to be a depression 2 days after 1st dose

6 " - still depressed

7 " - slightly "

8 " - OK?

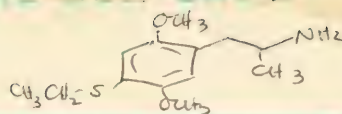
9 " - OK - Today is 1st day I've really felt together & able to work.

9 July

All in all - very interesting - but I don't think
I'd do it again for awhile. - along while.

The main effects seemed to last 2 days - a calmness
& peace. I could handle it all without being upset - no getting
so short temper. The two days are not all quite at
the same level - there is a greater stimulation for first
6-10 hrs. Altogether - Very nice

But - there did seem to be a severe depression esp.
after the second dose. I know its very hard to separate
out causes - & I am ^{concerned} ~~upset~~ about my work etc - but
I do feel the drug greatly intensified the depressed feelings -
There would not have been a true depression without it.
Partly it could be that I've taken a fair amount of
amphetamine & ritalin - I've noticed the rebound depression
(incl. ~~for~~ actual pain) ~~has~~ from them has gotten worse
lately - so maybe it would not be a problem in a new drug - nice.



Alph-2

- 3/19/76 11:15 AM ATS 0.1 mg no effects.
- 5/13/76 10:00 AM ATS 0.3 mg no effects.
- 8/28/76 11:00 AM ATS 0.6 mg no effects.
- 9/2/76 11:20 AM ATS 1.0 mg no effects.
- ± 9/22/76 4:45 PM ATS 1.6 mg - at [1.30] maybe effects, at [2.30] there is some sort of threshold (in French class) - not disruptive but believeable - to bed although completely alert (at [7.00]) - no sleep but at the time began self images for 3 more hours. Some sleep eventually. Next day OK - not a good sleep. Threshold?
- + 10/31/76 10 AM. ATS 2.0 mg - first hints at [1.20] - very subtle - no minders - all afternoon lunch [2.00], drove to library at Berkeley [3.00], even into recital at club [6.00] an unworldly guess - color effects at the edges - people looked strange - (1st time in months, I am reminded of mesocaine. True threshold of a sulfate drug.
- + 11/6/76 11:20 AM. ATS - 3.0 mg. [0.00] - [1.10] first possible effect - lunch - not too hungry. [2.00] still sunny threshold [2.20] awareness - movement of rug? colors in towel? [4.10] earh paraesthesia - I am under the interesting cloud of some drug effect, but at a very mild level - Things will happen at the next dose level I assume.
- 11/21/76 9:45 AM ATS. 5.0 mg completely effective level. See page 205

all data now contained on 205

Additional data on 5-OCH₃-DMT

- (3 mg) March 15, 1977 - ATS, Dave, Edwards set within a minute, except for Edward quite a bit longer. Spectrum of Dave & ATS similar, and similar to p 195 notes. Edward - eyes closed experiences of Heineyhem + Calif beach. At same time - convincing demonstration of 2 Schenck levels of existence - After 10 min, second experiment $\approx$ to 1st. Surprising effect in favor for ~ 20 min - into restaurant - unwilling to go ahead alone - and no before-dinner drink. No residue.
- (10 mg) April 1, 1977 - ATS - as much as possible taken from a 25 mg cigarette - effects before 1 min - new at ~ 2-3 min - drop nearly out but not completely, 1/2 to 6 min. - Strictly stony - an ASC with no sensory or interpretive overtones.
- (10 mg) Feb 11, 1978 - ATS consumption of 25 mg in three consecutive administrations (from a 25 mg Tanager cigarette. Stoned within a minute - largely recovered within a couple of more minutes. All three runs < 20 minutes.
- 1 mg in PBSO - left brief 7/24/78 11:50 PM - n.e.

SUBJECT



BOOK NO.

5-024, DMT.

August 25 1976. Combined 3 cigarettes - hand rolled on Taraxacum vulgare.
One at 10 mg (base) scored at 1 mg units, two at 20 mg base, scored at 5 mg
units. D under head lamp to melt base, then tightly rolled. All assays,
by inhalation.

- (1.0 mg) some slight pulse ↑ - otherwise n.e.
- (2.0 mg) 10 seconds following, quite aware [0:00:25] more aware yet and
increasing to [0:02] - twinge of intensity of cat's attention - surge to
reptil movement - no more change - no pulse - little eye dilation
[0:02:5] shaker - [0:05] out
- (2.0 mg) about [0:00 - 0:02:5] real at [0:01] - slight shaker - little if any
mydriasis. out at [0:03]
- (3 mg (+2)) about [0:00 - 0:00:5] - on before [0:01] - quite intense at
[0:02], shaker by [0:03] - at [0:04] reinforce + 2 mg which is
noticeable in another minute. shaker at [0:07] clear the body
for an hour before continuing.
- (6 mg) about [0:00 - 0:00:5] effects noted before [0:01]
[0:01:15] stone - not really light head, but head feels close to the lower
parts of the body - close to ground - knees weak - distinct shaker.
[0:02 - 0:02:30] peak effect - quite intense - not quite the max of DMT
at 30 mg and no sensory dis-out -
[0:03] faded - am sliding back
[0:04] quite nauseated - glad I hadn't eaten (4 hrs)
[0:05] clearing quickly - not as exactly defined as DMT
[0:07] 90% out - fast recovery
[0:08] completely clear. perhaps a slight residual mydriasis.

Overall comparison to DMT.

more potent (6 mg ≈ 30 mg?)
slightly faster (2-3 min max, out at ~
vs.

3 min max, out at ~10 min

This drug, as largely with DMT - is a simple, strong, dry -
with no sensory contribution, no intellectual contribution.
perhaps desirable for providing a subject the vocabulary
of ASC so that with interesting and complex drugs, these
effects will be familiar and thus not distracting.

SUBJECT

Subjective effects
of

BOOK NO.

X-O-DMS.

DATE

(cross ref p 184)

September 10, 1976 10:45 AM {0:00} 30 mg in water.

- [0:45] warm flushing - nausea - oh I wish the physical would be done with.
 [1:00] some dilation - I am uncertain if there are some CVS, or just fighting nausea.
 [1:15] active vomiting (mild) relieves nausea - and there are virtually no symptoms.
 [2:00] building into wild ASC (ejeret) eyes closed - roly drabs and strangely interpreted imagery - trying eating apple - not sure of stomach stability
 [2:45] into zombie period - well, is a bit. Fronteasterish - plans keeps unreal - type-written keeps unreal - music & text that comes out has little bearing on my intention. The most fun was writing with the power off - no inhibitions - no record - tried a bit c power on - this came out:

what an aliel keyboard - what will it produce?

anilan
alianalina
alien

anein

alein

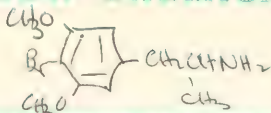
alean

ailean

WOW WOWOWOWOWOW

- [3:15] Lion's face (mchan) - many things - cheeks become boxing gloves - mouth talks but no words are evident - cubitarily - but not piformal.
 [3:45] So much mileage from just 3 mg of CHN₂O. - Obviously it is my ownnessy pool that has been tapped.
 [3:50] Old friend diarrhea again - modest - just symbolic. All through the last 2 hrs - in addition to the interpretive changes, there were mild visual distortions - things tended to flow - not bothersome - but I know I couldn't drive a car. There was a marvelous chemical gestalt - reasoning from o-hydroxy benzylalcohol $\text{R}-\text{C}(\text{OH})-\text{CHO} \rightarrow$ benzyl cyanide, why not dehydrate to $\text{R}-\text{C}(\text{OH})=\text{CH}_2$, then reduction 1,6 $\rightarrow$ p-OH allylbenzene and 1,8 $\rightarrow$ p-OH propylbenzene - then - if reduction goes from methoxy group, a compound such as normetanephrin would $\rightarrow$ 2-carbon MDA (p-OH reduced off at expense of quercidol becoming a methylene group. Phoned Jill... he was cursed.
 [4:35] Quickly mending
 [5:00] I could drive to Lafayette now without trouble - visually things still move but the physical zombie is not there anymore. I can ignore the crawling.
 [10:00] still some dilation, teeth are rubbery, hypoxia. There is still some body poisoning present.
 [12:00] attempt sleep - not too satisfactory - restless - strange mental interrelations.
 [24:00] (next AM) clear - no residues.

This is probably the most potent indolic psychedelic yet measured, at least via oral route. Any higher dose would require baby-sitting.

Letter ~~2x~~ CV Aug 25, 1976

9/15/76 10:37 AM ATS 0.5 mg. Gisdal thought I was a little hyperactive in afternoon (2-5) and I was certainly a bit manic, & very much entertained. Probably no effect.

9/18/76 11:00 AM ATS 1.0 mg. no effects whatsoever - n.e.

9/21/76 10:40 AM ATS 1.0 mg. tingle? [1:40] - n.e.

9/25/76 10:45 AM ATS 2.2 mg. funny? [2:30] - n.e.

9/29/76 10:00 AM ATS 3.0 mg. [2:30] floating light-headed - 'sic' [3:30] slight power gains. threshold? - n.e.?

10/3/76 11:00 AM ATS 4.0 mg. all through afternoon, I could believe a shallow threshold - tooth-rubby - some intentional paroxysms & no sleeping problems. prob. n.e.

10/6/76 11:00 AM ATS 6.0 mg. - a most a shallow threshold - no more. Conceivable chemical non-specific tolerance? yesterday 10/5/76 - 1000.

9. MDMA - but that was completely refrained at 1:00 in PM. I cannot confirm CV ?! - n.e.

2.5. attempt sleep at 12:00 - mild difficulty - then restful.

11/2/76 8:50 AM 10.0 mg. ATS. [1:20] into some threshold.

but none of the MDMA-type window [2:30] - I've had it - morphine! [3:00] complete central analgesia - experiment - with sterile needle - pierce skin pinch on left arm - little bother except for the needle emergency (skin resistance) -

little bleeding. Multiple pin-pricks on skin over thumb abductor - no feeling. Cup of boiling water elicited shock response reflex, but once that was over with, no pain - intellectual awareness of blistering keeps me from silly experiments. I feel lucky that my judgement is OK to keep from getting in to self-harm trouble [4:00] perhaps some repair [5:00] still not complete. [10:00] Dinner in city & Jill. - some tooth-rubby - so there are still some physical effects. [12:00] burning irritation at the pin-prick area - so silly feeling is back. Obviously long lasting analgesia. No sleep problems at [15:00].

4-Br-3,5-dimethoxyamphetamine
clearly detectable 1-2 mg
threshold maybe lower?

4-Or-3,5-dimethoxyamphetamine
11 mg oral $\approx$ 75-100 mg mesoridine
15 mg oral $\approx$ 200 mg mesoridine

4-Br-3,5-dimethoxyamphetamine

Letter CV Sept 17, 1976

4-Or-3,5-dimethoxyamphetamine ?
active at 10 mg

4-Or-3,5-dimethoxyamphetamine ?
is not active at 10 mg
was the threshold lower?

yesterday 10/5/76 - 1000.

Letter CV Oct 26, 1976

4-Br-3,5-dimethoxyamphetamine
3-mg $\neq$ placebo. at 2 hr analgesia
in extremities - barely perceptible
para.
Sensory effects: $\approx$ 7-8 mg DOT

SUBJECT



DOCK NO.

Inquiry Dep
DATE

9/19/76	3:50 PM	ATS	0.05 mg	n.e.
10/7/76	10:30 AM	ATS	0.10 mg	n.e.
12/25/76	10:40 AM	ATS	0.20 mg	n.e.

$\log(x, \text{dep})$

ne
n.e.
ne

МЪСЛИНЕ

/M.O. (Human)

e.1

100

DOM (12)

寶

0-061

LSD

0-000 4

50% RD (rabbit) mg/Kg

0-001

0.6 (

5-1

SUBJECT

Additional Detail on PARADOT.
additional trials.

from page 178

7 10/8/76 9:30 AM ATS 7.0 mg. much more moderate than 5 mg 7/2/76 - ~[1:30] clear effects - "conceptual drive" was completely embolized (thus almost unscripted and directed towards drifting ideas for the NIDA paper - it lasted [1:50] to [2:50] - [3:40] I am under control, could drive a car - but the effects are still there. Clear at [5:30] (3 PM).

+++ 10/12/76 10:10 AM ATS 10 mg. (6:00)

[1:00] ~~coming in~~ a gentle unworldliness - go to mail

[1:15] coming in very strongly - and nicely.

[1:20] slight shakes - otherwise bodily OK - like narc. in visual, except no color.

[2:1:30] a very rapid shift in frame of reference - I was barely able to keep up and consolidate - now OK - can continue to read the mail.

[1:40] blatto; (3:00) dropping? - no patience to lie back & watch (internal) clouds.

[3:30] still too stupid to weight Kate's cocaine storm.

[4:00] there is no way Gray is going to tell us this wasn't an active compound.

[4:30] last 1/2 hr lots of phone calls - AG, Bony, Greg - things still crowd a bit - I cannot physically organize the lab, or cope w it, but professionally I am in good strength.

[4:35] venting quite well - will be OK for Berkeley, theater, dinner tonight.

[4:50] still not together as of the moment - not integrating very quickly.

[5:10] going fine now - I am bringing the humanness and beauty into it. and I am stronger for it. Thank you.

[6:00] Complete, and none too soon - shower - call KATP, c's form info. to town.

[2:10] [2:25] eyes closed perceptualizations - illustrated concepts - really beautiful - if the last leaf had to go, where should I be this evening when everyone else is at the theater.

[2:30] behind lab - cat (pretty baby) eyes - me to her - concept of totality - the gopher - the apple - through the N.C. & the K.V. review. I am at the max. Lets do something with it.

Missed phone calls

I have read pages to
notebook and understand their con-
There are no blank pages except -
All entries are in the handwriting

Signed: _____ Date: _____

Signed: _____ Date: _____

Dose MU

LSD

1 mg/kg

-3000

-1000

5

10 mg/kg

-300

ADAMS

9

C

-100

50

100 mg/kg

-30

Psil.

-10

500

1 mg/kg

-3

Mesc.

-1

5

10 mg/kg

MES	TMA	AGM	MMDA	MESA	DMMDA	TMA-2	MMDA-2	MMDA 3a	MEM	NPM	ADAM
1	2.2	41.3	2.7	4.2	13	17	21	18	26	220	220

-0.017

-280

-220

-180

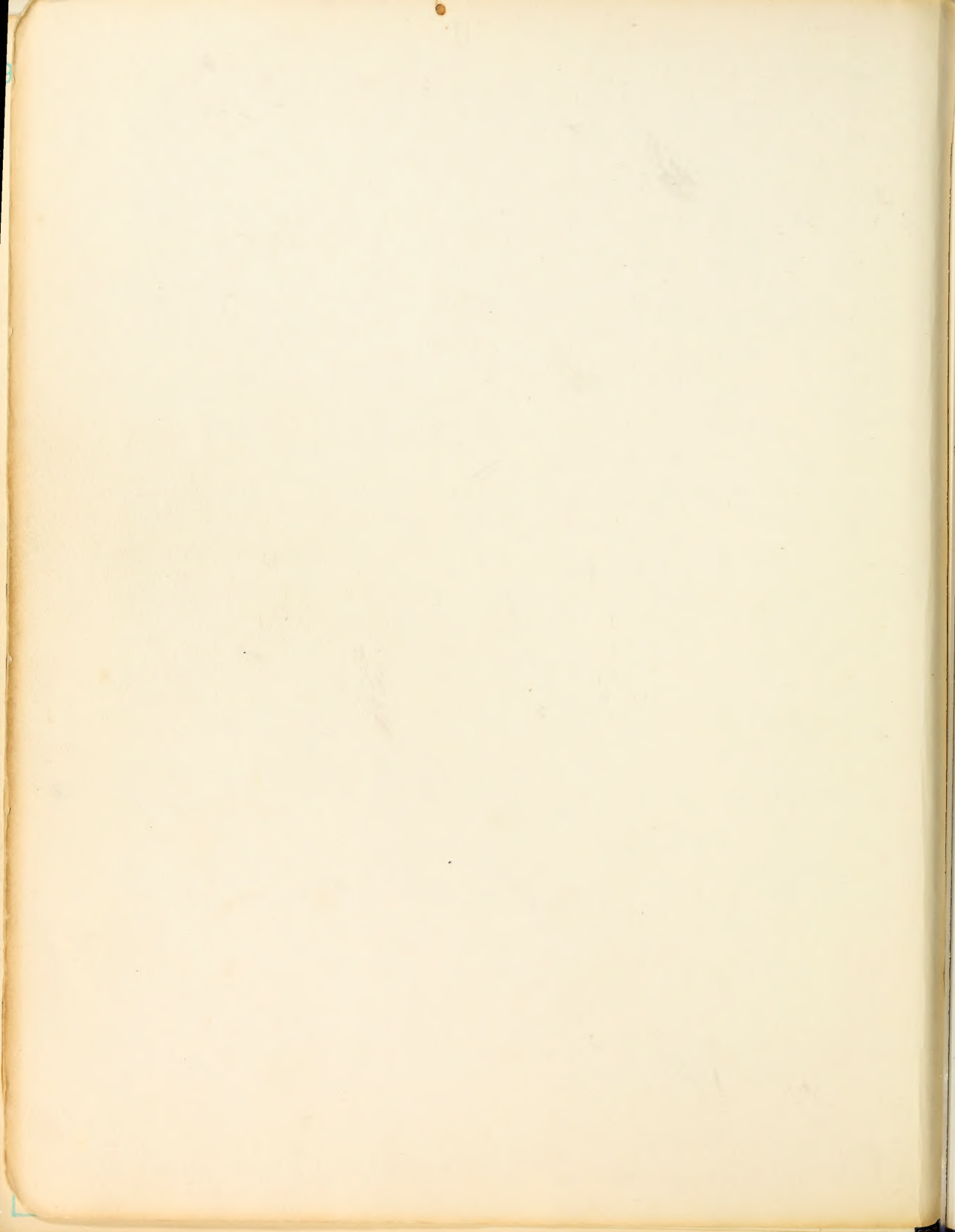
-210

-145

-175

-140

-3.75



$1 \rightarrow 1.6$ low
levels

$1 \rightarrow 1.25 \rightarrow 1.6 \rightarrow 2$
high
levels.



002-1 20